

CONFERENCE AT A GLANCE

MONDAY DECE	MBER 3RD	WEDNESDAY D	ECEMBER 5TH
8:30 - 10:30 AM	Tutorials Session 1	8:30 - 9:20 AM	Invited talk, Joelle Pineau:
10:30 - 11:00 AM	Coffee break		Reproducible, Reusable, and
11:00 - 1:00 PM	Tutorials Session 2		Robust Reinforcement Learning
1:00 - 2:30 PM	Lunch on your own	9:20 - 9:45 AM	Coffee break
2:30 - 4:30 PM	Tutorials Session 3	9:45 - 10:45 PM	Parallel Tracks
4:30 - 5:00 PM	Coffee break	10:45 - 12:45 PM	Posters A and Demonstrations
5:00 - 5:30 PM	Opening Remarks	12:45 - 2:15 PM	Lunch on your own
5:30 - 6:20 AM	Invited talk, Laura Gomez:	2:15 - 3:05 PM	Invited talk, Ayanna Howard:
	The Necessity of Diversity and		Investigations into the Human-Al Trust Phenomenon
	Inclusivity in Tech	3:05 - 3:30 PM	Coffee break
6:30 - 8:30 PM	Opening Reception	3:30 - 5:00 PM	Parallel Tracks
TUESDAY DECE	MADED ATLL	5:00 - 7:30 PM	Posters B and Demonstrations
		3.00 7.30 TW	rosters band bemonstrations
8:30 - 9:20 AM	Invited talk, Edward W Felten:	THURSDAY DECEMBER 6TH	
	Machine Learning Meets Public Policy: What to Expect and How to Cope	8:30 - 9:20 AM	Invited talk, David Spiegelhalter:
9:20 - 9:40 AM	Test Of Time Award:		Making Algorithms Trustworthy: What Can
	Leon Bottou, Olivier Bousquet		Statistical Science Contribute to Transparency, Explanation and Validation?
	The Tradeoffs of Large-Scale	9:20 - 9:45 AM	Coffee break
	Learning (2007)	9:45 - 10:45 AM	Parallel Tracks
9:40 - 10:05 AM	Coffee break	10:45 - 12:45 PM	Posters A
10:05 - 10:45 PM	Parallel Tracks	12:45 - 2:15 PM	Lunch on your own
10:45 - 12:45 PM	Posters A and Demonstrations	2:15 - 3:05 PM	Invited talk, Kunle Olukotun:
12:45 - 2:15 PM	Lunch on your own	2.13 3.03 1	Designing Computer Systems for
1:15 - 2:15 PM	Town Hall Meeting, Room 517 CD		Software 2.0
2:15 - 3:05 PM	Invited talk, Michael Levin:	3:05 - 3:30 PM	Coffee break
	What Bodies Think About: Bioelectric Computation Outside the Nervous System,	3:30 - 5:00 PM	Parallel Tracks
	Primitive Cognition and Synthetic	5:00 - 7:30 PM	Posters B
	Morphology		DDAY DECEMBED ZTIL 0 OTIL
3:05 - 3:30 PM	Coffee break		RDAY DECEMBER 7TH & 8TH
3:30 - 5:00 PM	Parallel Tracks	•	is its own schedule, check the website
5:00 - 7:30 PM	Posters B and Demonstrations	8:00 - 6:30 PM	Workshops
		10:30 - 11:00 AM	Coffee break
		12:00 - 2:00 PM	Lunch on your own

Coffee Break

Saturday night reception and dancing

3:00 - 3:30 PM

6:30 - 10:30 PM

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GENERAL INFORMATION



REGISTRATION DESK

Sunday, December 2nd: 7:00 am - 8:00 pm Monday - Friday: 7:00 am - 7:00 pm

Saturday, December 8th: 7:00 am - 12:00 pm

OPENING RECEPTION

Monday, December 3rd starting at 6:30 pm Room 220AB

CLOSING RECEPTION LOCATION

Saturday, December 8th at 6:30 pm Room 220 ABCD, 210, 230

POSTER SESSIONS

Tuesday - Thursday

Poster A Session: 10:45 pm – 12:45 pm Poster B Session: 5:00 pm – 7:30 pm

Take down your poster at 8:00 pm or they will be discarded.

WIFI

SSID: NeurlPS2018 Password: conference

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Step 1: Download and install the Whova app from App Store (for iPhones) or Google Play (for Android phones).

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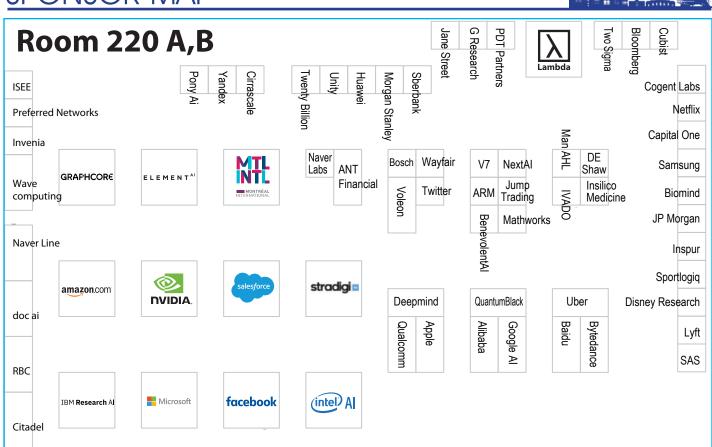
CHARGING TABLES

Located throughout the venue

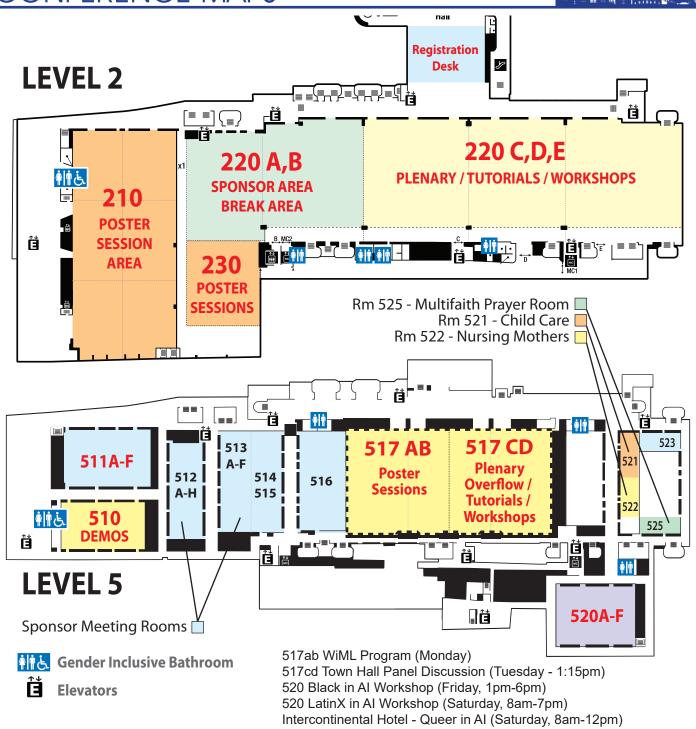
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Located in Room 220 AB

SPONSOR MAP

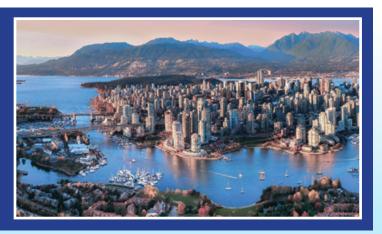




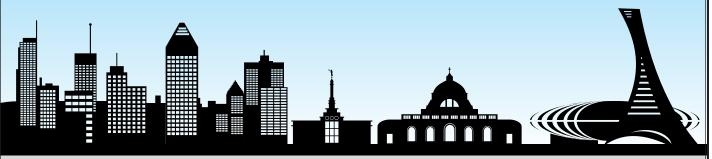


FUTURE CONFERENCES

Vancouver, Canada 2019 & 2020



MONDAY SCHEDULE



TIME & DESCRIPTION	LOCATION
8:30 am - 10:30 am - Tutorials Session 1	
Scalable Bayesian Inference David Dunson	Room 517 CD
Adversarial Robustness: Theory and Practice J. Zico Kolter · Aleksander Madry	Room 220 CD
Visualization for Machine Learning Fernanda Viégas · Martin Wattenberg	Room 220 E
10:30 - 11:00 am - Coffee Break	
11:00 am 1:00 pm - Tutorials Session 2	
Common Pitfalls for Studying the Human Side of Machine Learning Deirdre Mulligan · Nitin Kohli · Joshua A. Kroll	Room 220 E
Negative Dependence, Stable Polynomials, and All That Suvrit Sra · Stefanie Jegelka	Rooms 517 CD
Unsupervised Deep Learning Alex Graves · Marc'Aurelio Ranzato	Room 220 CD
1:00 - 2:30 pm - Lunch On Your Own	
2:30 pm - 4:30 pm - Tutorials Session 3	
Automatic Machine Learning Frank Hutter · Joaquin Vanschoren	Room 220 CD
Counterfactual Inference Room 517 CD Susan Athey	
Statistical Learning Theory: a Hitchhiker's Guide John Shawe-Taylor · Omar Rivasplata	Room 220 E
5:00 pm - 5:30 pm Opening Remarks	Room 220 CD
5:30 pm - 6:20 pm - Invited Talk: Laura Gomez The Necessity of Diversity and Inclusivity In Tech	Room 220 CDE
6:30 pm - 8:30 pm: Opening Reception	Room 220 AB

Monday Tutorials Session 1 - 8:30 - 10:30 AM





Scalable Bayesian Inference
David Dunson (Duke University)

Location: Room 517 CD

This tutorial will provide a practical overview of state-of-theart approaches for analyzing massive data sets using Bayesian statistical methods. The first focus area will be on algorithms for very large sample size data (large n), and the second focus area will be on approaches for very high-dimensional data (large p). A particular emphasis will be on maintaining a valid characterization of uncertainty, ruling out many popular methods, such as (most) variational approximations and approaches for maximum a posteriori estimation. I will briefly review classical large sample approximations to posterior distributions (e.g., Laplace's method, Bayesian central limit theorem), and will then transition to discussing conceptually and practical simple approaches for scaling up commonly used Markov chain Monte Carlo (MCMC) algorithms. The focus is on making posterior computation much faster to implement for huge datasets while maintaining accuracy guarantees. Some useful classes of algorithms having increasing theoretical and practical support include embarrassingly parallel (EP) MCMC, approximate MCMC, stochastic approximation, hybrid optimization and sampling, and modularization. Applications to computational advertising, genomics, neurosciences and other areas will provide a concrete motivation. Code and notes will be made available, and research problems of ongoing interest highlighted.





Visualization for Machine Learning Fernanda Viégas (Google) Martin Wattenberg (Google)

Location: Room 220 E

Visualization is a powerful way to understand and interpret machine learning--as well as a promising area for ML researchers to investigate. This tutorial will provide an introduction to the landscape of ML visualizations, organized by types of users and their goals. We'll discuss how each stage of the ML research and development pipeline lends itself to different visualization techniques: analyzing training data, understanding the internals of a model, and testing performance. In addition, we'll explore how visualization can play an important role in ML education and outreach to non-technical stakeholders.

The tutorial will also include a brief introduction to key techniques from the fields of graphic design and human-computer interaction that are relevant in designing data displays. These ideas are helpful whether refining existing visualizations, or inventing entirely new visual techniques.





Adversarial Robustness: Theory and Practice J. Zico Kolter (CMU, Bosch Center for AI) Aleksander Madry (MIT)

Location: Room 220 CD

The recent push to adopt machine learning solutions in real-world settings gives rise to a major challenge: can we develop ML solutions that, instead of merely working "most of the time", are truly reliable and robust? This tutorial will survey some of the key challenges in this context and then focus on the topic of adversarial robustness: the widespread vulnerability of state-of-the-art deep learning models to adversarial misclassification (aka adversarial examples). We will discuss the practical as well as theoretical aspects of this phenomenon, with an emphasis on recent verification-based approaches to establishing formal robustness guarantees. Our treatment will go beyond viewing adversarial robustness solely as a security question. In particular, we will touch on the role it plays as a regularizer and its relation to generalization.

Monday Tutorials Session 2 - 11:00 - 1:00 PM









Common Pitfalls for Studying the Human Side of Machine Learning

Deirdre Mulligan (UC Berkeley) Nitin Kohli (UC Berkeley) Joshua A. Kroll (Princeton)

Location: Room 220 E

As machine learning becomes increasingly important in everyday life, researchers have examined its relationship to people and society to answer calls for more responsible uses of data-driven technologies. Much work has focused on fairness, accountability, and transparency as well as on explanation and interpretability. However, these terms have resisted definition by computer scientists: while many definitions of each have been put forward, several capturing natural intuitions, these definitions do not capture everything that is meant by associated concept, causing friction with other disciplines and the public. Worse, sometimes different properties conflict explicitly or cannot be satisfied simultaneously. Drawing on our research on the meanings of these terms and the concepts they refer to across different disciplines (e.g., computer science, statistics, public policy, law, social sciences, philosophy, humanities, and others), we present common misconceptions machine learning researchers and practitioners hold when thinking about these topics. For example, it is often axiomatic that producing machine learning explanations automatically makes the outputs of a model more understandable, but this is hardly if ever the case. Similarly, defining fairness as a statistical property of the distribution of model outputs ignores the many procedural requirements supporting fairness in policymaking and the operation of the law. We describe how to integrate the rich meanings of these concepts into machine learning research and practice, enabling attendees to engage with disparate communities of research and practice and to recognize when terms are being overloaded, thereby avoiding speaking to people from other disciplines at cross purposes.





Unsupervised Deep Learning Alex Graves (DeepMind) Marc'Aurelio Ranzato (Facebook)

Location: Room 220 CD

Unsupervised learning looks set to play an ever more important role for deep neural networks, both as a way of harnessing vast quantities of unlabelled data, and as a means of learning representations that can rapidly generalise to new tasks and situations. The central challenge is how to determine what the objective function should be, when by definition we do not have an explicit target in mind. One approach, which this tutorial will cover in detail, is simply to 'predict everything' in the data, typically with a probabilistic model, which can be seen through the lens of the Minimum Description Length principle as an effort to compress the data as compactly as possible. However, we will also survey a range of other techniques, including un-normalized energy-based models, self-supervised algorithms and purely generative models such as GANs. Time allowing, we will extend our discussion to the reinforcement learning setting, where the natural analogue of unsupervised learning is intrinsic motivation, and notions such as curiosity, empowerment and compression progress are invoked as drivers of learning.





Negative Dependence, Stable Polynomials, and All That Suvrit Sra (MIT) Stefanie Jegelka (MIT)

Location: Rooms 517 CD

This tutorial provides an introduction to a rapidly evolving topic: the theory of negative dependence and its numerous ramifications in machine learning. Indeed, negatively dependent probability measures provide a powerful tool for modeling non-i.i.d. data, and thus can impact all aspects of learning, including supervised, unsupervised, interpretable, interactive, and large-scale setups. The most well-known examples of negatively dependent distributions are perhaps the Determinantal Point Processes (DPPs), which have already found numerous ML applications. But DPPs are just the tip of the iceberg; the class of negatively dependent measures is much broader, and given the vast web of mathematical connections it enjoys, its holds great promise as a tool for machine learning. This tutorial exposes the ML audience to this rich mathematical toolbox, while outlining key theoretical ideas and motivating fundamental applications. Tasks that profit from negative dependence include anomaly detection, information maximization, experimental design, validation of black-box systems, architecture learning, fast MCMC sampling, dataset summarization, interpretable learning.

Monday Tutorials Session 1 2:30 - 4:30 PM



Counterfactual Inference Susan Athey (Stanford University)

Location: Room 517 CD

This tutorial will review the literature that brings together recent developments in machine learning with methods for counterfactual inference. It will focus on problems where the goal is to estimate the magnitude of causal effects, as well as to quantify the researcher's uncertainty about these magnitudes. The tutorial will consider two strands of the literature. The first strand attempts to estimate causal effects of a single intervention, like a drug or a price change. The goal can be to estimate the average (counterfactual) effect of applying the treatment to everyone; or the conditional average treatment effect, which is the effect of applying the treatment to an individual conditional on covariates. We will also consider the problem of estimating an optimal treatment assignment policy (mapping features to assignments) under constraints on the nature of the policy, such as budget constraints. We look at applications to assigning unemployed workers to re-employment services. We finish by considering the case with multiple alternative treatments, as well as the link between this literature and the literature on contextual bandits. The second strand of the literature attempts to infer individual's preferences from their behavior (inverse reinforcement learning in machine learning parlance, or structural estimation in econometrics parlance), and then predict an individual's behavior in new environments. We look at applications to consumer choice behavior, and analyze counterfactuals around price changes. We discuss how models such as these can be tuned when the goal is counterfactual estimation rather than predicting outcomes.





Statistical Learning Theory: a Hitchhiker's Guide

John Shawe-Taylor (UCL)
Omar Rivasplata (UCL, DeepMind)

Location: Room 220 E

The tutorial will showcase what statistical learning theory aims to assess about and hence deliver for learning systems. We will highlight how algorithms can piggy back on its results to improve the performances of learning algorithms as well as to understand their limitations. The tutorial is aimed at those wishing to gain an understanding of the value and role of statistical learning theory in order to hitch a ride on its results.





Automatic Machine Learning

Frank Hutter (U. of Freiburg)
Joaquin Vanschoren
(Eindhoven University)

Location: Room 220 CD

The success of machine learning crucially relies on human machine learning experts, who construct appropriate features and workflows, and select appropriate machine learning paradigms, algorithms, neural architectures, and their hyperparameters. Automatic machine learning (AutoML) is an emerging research area that targets the progressive automation of machine learning, which uses machine learning and optimization to develop off-the-shelf machine learning methods that can be used easily and without expert knowledge. It covers a broad range of subfields, including hyperparameter optimization, neural architecture search, meta-learning, and transfer learning. This tutorial will cover the methods underlying the current state of the art in this fast-paced field.

Invited Talk - 5:30 - 6:20 PM

The Necessity of Diversity and Inclusivity in Tech

Rooms 220 CDE

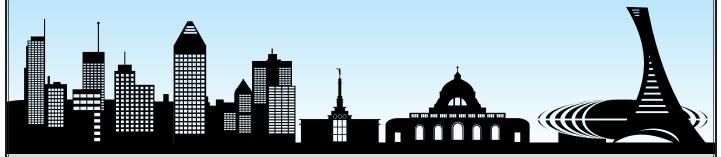


Laura Gomez (Founder, Atipica)

Laura I. Gómez, is the Founder and CEO at Atipica, a venture-backed startup and founding member of Project Include. As a young immigrant to Silicon Valley, Laura grew up in Redwood City, the daughter of a single mother and nanny to several local tech leaders. At the age of 17, Laura I. Gómez had her first internship with Hewlett-Packard, which started

her career in tech. Laura has worked at Google, YouTube, Jawbone, and Twitter, where she was a founding team member of the International team, which led Twitter's product expansion into 50 languages and dozens of countries. Her passion for diversity in tech extends into her startup, Atipica, as well as her involvement with several nonprofit organisations. Her passion is to lead data-driven initiatives that allow top level leaders to understand the business benefits of machine learning in recruiting and diversity. She has been recognized by the Department of State and Former Secretary of State Hillary Clinton for involvement in the TechWomen Program – she was the only female leader at Twitter to participate in 2012. She also serves on the board of the Institute for Technology and Public Policy alongside Lt Governor Gavin Newsom and former Secretary of State George P Schultz.

TUESDAY SCHEDULE



TIME	DESCRIPTION	LOCATIO	
:30 - 9:20 AM	Invited Talk: Edward W Felten	Rooms 220 CDE	
	Machine Learning Meets Public Policy: V	Vhat to Expect and How to Cope	
9:20 - 9:40 AM	⊤est Of Time Award: Leon Bottou, Olivier Bousquet		
	The Tradeoffs of Large-Scale Learning		
9:40 - 10:05 AM	Coffee break		
0:05 - 10:45 PM	Parallel Tracks:		
	Track 1	Room 220 CD	
	Track 2	Room 220 E	
	Track 3	Room 517 CD	
0:45 - 12:30 AM	Poster A Sessions	Rooms 210, 230, 517 AB	
	Demonstrations	Room 510 ABCD	
2:45 - 2:15 PM	Lunch on your own		
:15 - 2:15 PM	Town Hall Meeting	Room 517 CD	
2:15 - 3:05 PM	Invited Talk: Michael Levin	Rooms 220 CDE	
	What Bodies Think About: Bioelectric Computation Outside the		
	Nervous System, Primitive Cognition, ar	nd Synthetic Morphology	
3:05 - 3:30 PM	Coffee break		
3:30 - 5:00 PM	Parallel Tracks:		
	Track 1	Room 220 CD	
	Track 2	Room 220 E	
	Track 3	Room 517 CD	
5:00 - 7:30 PM	Poster B Sessions	Rooms 210, 230, 517 AB	

Tuesday Invited Speakers



Machine Learning Meets Public Policy: What to Expect and How to Cope

Rooms 220 CDE, 8:30 - 9:20 AM

Al and Machine Learning are already having a big impact on the world. Policymakers have noticed, and they are starting to formulate laws and regulations, and to convene conversations, about how society will govern the development of these technologies. This talk will give an overview of how policymakers deal with new technologies, how the process might develop in the case of Al/ML, and why constructive engagement with the policy process will lead to better outcomes for the field, for governments, and for society.



Edward Felton Princeton University

Edward W. Felten is the Robert E. Kahn Professor of Computer Science and Public Affairs at Princeton University, and the founding Director of Princeton's Center for Information Technology Policy. He is a member of the United States Privacy and Civil Liberties Oversight Board. In 2015-

2017 he served in the White House as Deputy U.S. Chief Technology Officer. In 2011-12 he served as the first Chief Technologist at the U.S. Federal Trade Commission. His research interests include computer security and privacy, and technology law and policy. He has published more than 150 papers in the research literature, and three books. He is a member of the National Academy of Engineering and the American Academy of Arts and Sciences, and is a Fellow of the ACM.

What Bodies Think About: Bioelectric Computation Outside the Nervous System, Primitive Cognition, and Synthetic Morphology

Rooms 220 CDE, 2:15 - 3:05 PM

Brains are not unique in their computational abilities. Bacteria, plants, and unicellular organisms exhibit learning and plasticity; nervous systems speedoptimized information-processing that is ubiquitous across the tree of life and was already occurring at multiple scales before neurons evolved. Non-neural computation is especially critical for enabling individual cells to coordinate their activity toward the creation and repair of complex large-scale anatomies. We have found that bioelectric signaling enables all types of cells to form networks that store pattern memories that guide large-scale growth and form. In this talk, I will introduce the basics of developmental bioelectricity, and show how novel conceptual and methodological advances have enabled rewriting pattern memories that guide morphogenesis without genomic editing. In effect, these strategies allow reprogramming the bioelectric software that implements multicellular patterning goal states. I will show examples of applications in regenerative medicine and cognitive neuroplasticity, and illustrate future impacts on synthetic bioengineering, robotics, and machine learning.



Michael Levin Tufts University

Michael Levin is a professor at Tufts University, and director of the Allen Discovery Center at Tufts (allencenter. tufts.edu), working on computation in the medium of living systems. His original training was in computer science; his interest in Al and philosophy of mind

led to a life-long focus on embryogenesis and regeneration as quintessential systems in which to understand how biophysical processes underlie complex adaptive decision-making. He received a Ph.D. in genetics from Harvard Medical School in 1996. Now, his group (www.drmichaellevin.org) works at the interface between developmental biology, basal cognition, and computational neuroscience. Projects include the dynamics of memories during complete brain regeneration (how can a malleable living medium store cognitive content?), behavioral studies of artificial living machines and radically-altered anatomies (how can brains learn to operate bodies with novel sensory/motor structures), induction of complex organ regeneration in non-regenerative species, editing body pattern (e.g., inducing complete eyes to form out of gut tissue, repairing birth defects, and creating permanentlypropagating 2-headed worms without genomic editing), tumor reprogramming. All of these projects are being pushed toward applications in regenerative medicine, as well as inspiring novel machine learning architectures and robotics approaches. The computational side of the group works on extending connectionist paradigms beyond Neural Networks, and creating software platforms for automating the inference of insights into pattern control (a bioinformatics of shape).

<u>Tuesday Demonstrations</u>



#1 Deep Neural Networks Running Onboard Anki's Robot, Vector

Lorenzo Riano, Andrew Stein, Mark Palatucci

#2 TensorFlow Dance - Learning to Dance via Machine Learning

Yaz Santissi

#3 Ruuh: A Deep Learning Based Conversational Social Agent

Puneet Agrawal, Manoj Kumar Chinnakotla, Sonam Damani, Meghana Joshi, Kedhar Nath Narahari, Khyatti Gupta, Nitya Raviprakash, Umang Gupta, Ankush Chatterjee, Abhishek Mathur, Sneha Magapu

#4 Game for Detecting Backdoor Attacks on Deep Neural Networks using Activation Clustering

Casey Dugan, Werner Geyer, Aabhas Sharma, Ingrid Lange, Dustin Ramsey Torres, Bryant Chen, Nathalie Baracaldo Angel, Heiko Ludwig

#5 Deep learning to improve quality control in pharmaceutical manufacturing

Michael Sass Hansen, Sebastian Brandes Kraaiienzank

#6 Reproducing Machine Learning Research on Binder

Jessica Forde, Tim Head, Chris Holdgraf, M Pacer

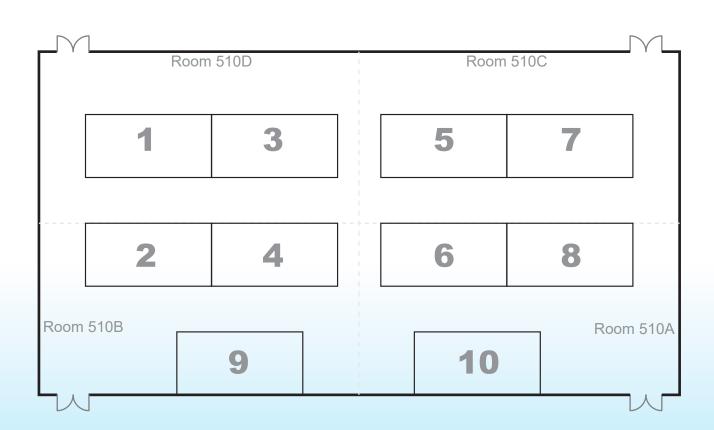
- #7 A Hands-free Natural User Interface
 (NUI) for AR/VR Head-Mounted Displays
 Exploiting Wearer's Facial Gestures
 Jaekwang Cha, Shiho Kim, Jinhyuk Kim
- #8 A model-agnostic web interface for interactive music composition by inpainting

Gaëtan Hadjeres, Théis Bazin, Ashis Pati

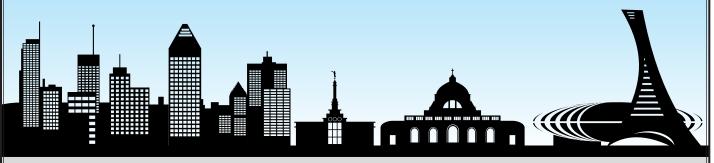
#9 A machine learning environment to determine novel malaria policies
Oliver Bent, Sekou L Remy, Nelson K Bore

#10 TextWorld: A Learning Environment for Text-based Games

Marc-Alexandre Côté, Wendy Tay, Eric Yuan



WEDNESDAY SCHEDULE



TIME	DESCRIPTION	LOCATION
8:30 - 9:20 AM	Invited Talk: Joelle Pineau Reproducible, Reusable, and Robust Reinfor	Rooms 220 CDE rcement Learning
9:20 - 9:45 AM	Coffee break	
9:45 - 10:45 PM	Parallel Tracks:	
	Track 1	Room 220 CD
	Track 2	Room 220 E
	Track 3	Room 517 CD
10:45 - 12:30 AM	Poster A Sessions	Rooms 210, 230, 517 AB
	Demonstrations	Room 510 ABCD
12:45 - 2:15 PM	Lunch on your own	
2:15 - 3:05 PM	Invited Talk: Ayanna Howard Investigations into the Human-Al Trust Phei	Rooms 220 CDE nomenon
3:05 - 3:30 PM	Coffee break	
3:30 - 5:00 PM	Parallel Tracks:	
	Track 1	Room 220 CD
	Track 2	Room 220 E
	Track 3	Room 517 CD
5:00 - 7:30 PM	Poster B Sessions	Rooms 210, 230, 517 AB



Reproducible, Reusable, and Robust Reinforcement Learning

Rooms 220 CDE, 8:30 - 9:20 AM

We have seen significant achievements with deep reinforcement learning in recent years. Yet reproducing results for state-of-the-art deep RL methods is seldom straightforward. High variance of some methods can make learning particularly difficult when environments or rewards are strongly stochastic. Furthermore, results can be brittle to even minor perturbations in the domain or experimental procedure. In this talk, I will review challenges that arise in experimental techniques and reporting procedures in deep RL. I will also describe several recent results and guidelines designed to make future results more reproducible, reusable and robust.



Joelle Pineau McGill University

Joelle Pineau is an Associate Professor and William Dawson Scholar at McGill University where she co-directs the Reasoning and Learning Lab. She also leads the Facebook AI Research lab in Montreal, Canada. She holds a BASc in Engineering from the University of

Waterloo, and an MSc and PhD in Robotics from Carnegie Mellon University. Dr. Pineau's research focuses on developing new models and algorithms for planning and learning in complex partially-observable domains. She also works on applying these algorithms to complex problems in robotics, health care, games and conversational agents. She serves on the editorial board of the Journal of Artificial Intelligence Research and the Journal of Machine Learning Research and is currently President of the International Machine Learning Society. She is a recipient of NSERC's E.W.R. Steacie Memorial Fellowship (2018), a Fellow of the Association for the Advancement of Artificial Intelligence (AAAI), a Senior Fellow of the Canadian Institute for Advanced Research (CIFAR) and in 2016 was named a member of the College of New Scholars, Artists and Scientists by the Royal Society of Canada.

Investigations into the Human-Al Trust Phenomenon

Rooms 220 CDE, 2:15 - 3:05 PM

As intelligent systems become more fully interactive with humans during the performance of our day-to-day activities, the role of trust must be examined more carefully. Trust conveys the concept that when interacting with intelligent systems, humans tend to exhibit similar behaviors as when interacting with other humans and thus may misunderstand the risks associated with deferring their decisions to a machine. Bias further impacts this potential risk for trust, or overtrust, in that these systems are learning by mimicking our own thinking processes, inheriting our own implicit biases. In this talk, we will discuss this phenomenon through the lens of intelligent systems that interact with people in scenarios that are realizable in the near-term.



Ayanna Howard Georgia Institute of Technology

Ayanna Howard, Ph.D. is the Linda J. and Mark C. Smith Professor and Chair of the School of Interactive Computing in the College of Computing at the Georgia Institute of Technology. She also holds a faculty appointment in the School of Electrical and Computer Engineering.

Dr. Howard's career focus is on intelligent technologies that must adapt to and function within a human-centered world. Her work, which encompasses advancements in artificial intelligence (AI), assistive technologies, and robotics, has resulted in over 250 peerreviewed publications in a number of projects - from healthcare robots in the home to Al-powered STEM apps for children with diverse learning needs. Dr. Howard received her B.S. in Engineering from Brown University, and her M.S. and Ph.D. in Electrical Engineering from the University of Southern California. To date, her unique accomplishments have been highlighted through a number of awards and articles, including highlights in USA Today, Upscale, and TIME Magazine, as well as being recognized as one of the 23 most powerful women engineers in the world by Business Insider. In 2013, she also founded Zyrobotics, which is currently licensing technology derived from her research and has released their first suite of STEM educational products to engage children of all abilities. Prior to Georgia Tech, Dr. Howard was a senior robotics researcher at NASA's Jet Propulsion Laboratory. She has also served as the Associate Director of Research for the Institute for Robotics and Intelligent Machines, Chair of the Robotics Ph.D. program, and the Associate Chair for Faculty Development in the School of Electrical and Computer Engineering at Georgia Tech.

Wednesday Demonstrations



#1 BigBlueBot: A Demonstration of How to Detect Egregious Conversations with Chatbots

Casey Dugan · Justin D Weisz · Narendra Nath Joshi · Ingrid Lange · J Johnson · Mohit Jain · Werner Geyer

#2 Perception, sensing, motion planning and robot control using AI for automated feeding of upper-extremity mobility impaired people

Tapomayukh Bhattacharjee · Daniel Gallenberger · David Dubois · Siddhartha Srinivasa · Louis L'Écuyer-Lapierre

#3 Play Imperfect Information Games against Neural Networks

Andy C Kitchen · Michela Benedetti · Hon Weng Chong

#4 RieszNets: Accurate Real-Time 2D/3D Image Super-Resolution

Saarthak Sachdeva · Mohnish Chakravarti

#5 PatentAl: IP Infringement Detection with Enhanced Paraphrase Identification

Youssef Drissi

#6 Deep Reinforcement Learning for Online Order Dispatching and Driver Repositioning in Ridesharing

Zhiwei Qin · Xiaocheng Tang · yan jiao · Chenxi Wang

- #7 Multi-Word Imputation and Sentence Expansion
 Osman Ramadan · Douglas Orr · Dmitry Stratiychuk · Błażej Czapp
- #8 Autonomous robotic manipulation with a desktop research platform

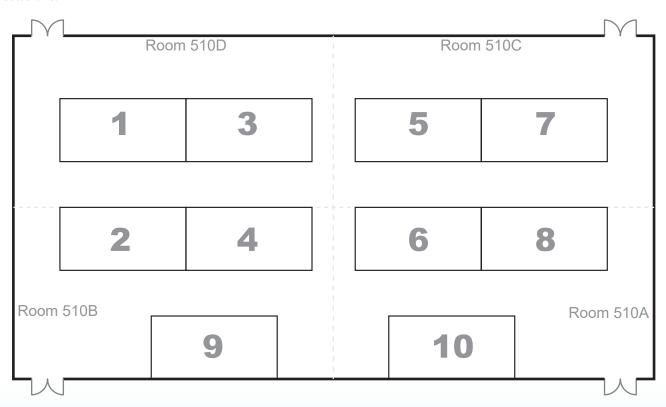
Jonathan Long · Brandon Pereira · Max Reynolds · Rahul Rawat

#9 A Cooperative Visually Grounded Dialogue
Game with a Humanoid Robot

Jordan Prince Tremblay · Ismael Balafrej · Felix Labelle · Félix Martel-Denis · Eric Matte · Julien Chouinard-Beaupré · Adam Letourneau · Antoine Mercier-Nicol · Simon Brodeur · François Ferland · Jean ROUAT

#10 Automatic Curriculum Generation Applied to Teaching Novices a Short Bach Piano Segment

Emma Brunskill · Tong Mu · Karan Goel · Jonathan Bragg



Student Paper Awards

- Non-delusional Q-learning and Value-iteration
 Tyler Lu · Dale Schuurmans · Craig Boutilier
- Optimal Algorithms for Non-Smooth Distributed Optimization in Networks

Kevin Scaman · Francis Bach · Sebastien Bubeck · Laurent Massoulié · Yin Tat Lee

- Neural Ordinary Differential Equations
 Tian Qi Chen · Yulia Rubanova · Jesse Bettencourt · David Duvenaud
- Nearly Tight Sample Complexity Bounds for Learning Mixtures of Gaussians via Sample Compression Schemes

Hassan Ashtiani · Shai Ben-David · Nick Harvey · Christopher Liaw · Abbas Mehrabian · Yaniv Plan

THURSDAY SCHEDULE



TIME	DESCRIPTION	LOCATION
8:30 - 9:20 AM	Invited Talk: David Spiegelhalter Making Algorithms Trustworthy: What Can Statistical Science Contribute to Transparency, Explanation and Validation?	Rooms 220 CDE
9:20 - 9:45 AM	Coffee break	
<u>9:45 - 10:45 PM</u>	Parallel Tracks:	
	Track 1	Room 220 CD
	Track 2	Room 220 E
	Track 3	Room 517 CD
10:45 - 12:30 AM	Poster A Sessions	Rooms 210, 230, 517 AB
	Demonstrations	Room 510 ABCD
12:45 - 2:15 PM	Lunch on your own	
2:15 - 3:05 PM	Invited Talk: Kunle Olukotun Designing Computer Systems for Software 2.0	Rooms 220 CDE
3:05 - 3:30 PM	Coffee break	
3:30 - 5:00 PM	Parallel Tracks:	
	Track 1	Room 220 CD
	Track 2	Room 220 E
	Track 3	Room 517 CD
5:00 - 7:30 PM	Poster B Sessions	Rooms 210, 230, 517 AB

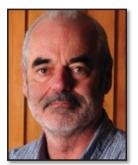


Making Algorithms Trustworthy: What Can Statistical Science Contribute to Transparency, Explanation and Validation?

Rooms 220 CDE, 8:30 - 9:20 AM

The demand for transparency, explainability and empirical validation of automated advice systems is not new. Back in the 1980s there were (occasionally acrimonious) discussions between proponents of rule-based systems and those based on statistical models, partly based on which were more transparent. A four-stage process of evaluation of medical advice systems was established, based on that used in drug development. More recently, EU legislation has focused attention on the ability of algorithms to, if required, show their workings. Inspired by Onora O'Neill's emphasis on demonstrating trustworthiness, and her idea of 'intelligent transparency', we should ideally be able to check (a) the empirical basis for the algorithm, (b) its past performance, (c) the reasoning behind its current claim, including tipping points and what-ifs (d) the uncertainty around its current claim, including whether the latest case comes within its remit. Furthermore, these explanations should be open to different levels of expertise.

These ideas will be illustrated by the Predict 2.1 system for women choosing adjuvant therapy following surgery for breast cancer, which is based on a competing-risks survival regression model, and has been developed in collaboration with professional psychologists in close cooperation with clinicians and patients. Predict 2.1 has four levels of explanation of the claimed potential benefits and harms of alternative treatments, and is currently used in around 25,000 clinical decisions a month worldwide.



David Spiegelhalter University of Cambridge

David Spiegelhalter is a statistician in the Centre for Mathematical Sciences at Cambridge University, and currently President of the Royal Statistical Society. His background is in Bayesian statistics, and after working in computer-aided diagnosis in the early 1980s, he jointly developed the Lauritzen-Spiegelhalter algorithm for exact

evidence propagation in Bayesian networks. He then led the team behind the BUGS software for MCMC analysis of Bayesian models.

He is now Chair of the Winton Centre for Risk and Evidence Communication, which aims to improve the way that statistical evidence is used by health professionals, patients, lawyers and judges, media and policy-makers. This work includes the development and evaluation of front-ends for algorithms used in patient care, focusing on explanation and transparency, particularly regarding uncertainty.

He has over 200 refereed publications and is co-author of 6 textbooks, as well as The Norm Chronicles (with Michael Blastland) and Sex by Numbers. He works extensively with the media, and presented the BBC4 documentaries 'Tails you Win: the Science of Chance" and the awardwinning "Climate Change by Numbers". He was elected Fellow of the Royal Society in 2005, and knighted in 2014 for services to medical statistics. Perhaps his greatest achievement came in 2011 when he was 7th in an episode of Winter Wipeout on BBC1.

Designing Computer Systems for Software 2.0

Rooms 220 CDE, 2:15 - 3:05 PM

The use of machine learning to generate models from data is replacing traditional software development for many applications. This fundamental shift in how we develop software, known as Software 2.0, has provided dramatic improvements in the quality and ease of deployment for these applications. The continued success and expansion of the Software 2.0 approach must be powered by the availability of powerful, efficient and flexible computer systems that are tailored for machine learning applications. This talk will describe a design approach that optimizes computer systems to match the requirements of machine learning applications. The full-stack design approach integrates machine learning algorithms that are optimized for the characteristics of applications and the strengths of modern hardware, domain-specific languages and advanced compilation technology designed for programmability and performance, and hardware architectures that achieve both high flexibility and high energy efficiency.



Kunle Olukotun Stanford

Kunle Olukotun is the Cadence Design Professor of Electrical Engineering and Computer Science at Stanford University. Olukotun is well known as a pioneer in multicore processor design and the leader of the Stanford Hydra chip multipocessor (CMP) research

project. Olukotun founded Afara Websystems to develop high-throughput, low-power multicore processors for server systems. The Afara multicore processor, called Niagara, was acquired by Sun Microsystems. Niagara derived processors now power all Oracle SPARC-based servers. Olukotun currently directs the Stanford Pervasive Parallelism Lab (PPL), which seeks to proliferate the use of heterogeneous parallelism in all application areas using Domain Specific Languages (DSLs). Olukotun is a member of the Data Analytics for What's Next (DAWN) Lab which is developing infrastructure for usable machine learning. Olukotun is an ACM Fellow and IEEE Fellow for contributions to multiprocessors on a chip and multi-threaded processor design and is the recipient of of the 2018 IEEE Harry H. Goode Memorial Award. Olukotun received his Ph.D. in Computer Engineering from The University of Michigan.

FRIDAY WORKSHOPS 8AM - 6:30PM

To find out Workshop locations, download the app or visit neurips.cc

Bayesian Deep Learning

Yarin Gal · José Miguel Hernández-Lobato · Christos Louizos · Andrew Wilson · Zoubin Ghahramani · Kevin P Murphy · Max Welling

Visually grounded interaction and language

Florian Strub · Harm de Vries · Erik T Wijmans · Samyak Datta · Ethan Perez · Mateusz Malinowski · Stefan Lee · Peter Anderson · Aaron Courville · Jeremie MARY · Dhruv Batra · Devi Parikh · Olivier Pietquin · Chiori HORI · Tim Marks · Anoop Cherian

Continual Learning

Razvan Pascanu · Yee Teh · Marc Pickett · Mark Ring

Critiquing and Correcting Trends in Machine Learning

Tom Rainforth \cdot Matt Kusner \cdot Benjamin Bloem-Reddy \cdot Brooks Paige \cdot Rich Caruana \cdot Yee Whye Teh

• Deep Reinforcement Learning

Pieter Abbeel · David Silver · Satinder Singh · Joelle Pineau · Joshua Achiam · Rein Houthooft · Aravind Srinivas

All of Bayesian Nonparametrics (Especially the Useful Bits)

Diana Cai · Trevor Campbell · Michael Hughes · Tamara Broderick · Nick Foti · Sinead A Williamson

MLSys: Workshop on Systems for ML and Open Source Software

Aparna Lakshmiratan \cdot Sarah Bird \cdot Siddhartha Sen \cdot Joseph Gonzalez \cdot Daniel Crankshaw

• NIPS 2018 Competition Track Day 1

Sergio Escalera · Ralf Herbrich

The second Conversational AI workshop – today's practice and tomorrow's potential

Alborz Geramifard · Jason D. Williams · Larry Heck · James Glass · Milica Gasic · Dilek Hakkani-Tur · Steve Young · Lazaros C. Polymenakos · Y-Lan Boureau · Maxine Eskenazi

Modeling the Physical World: Learning, Perception, and Control

Jiajun Wu · Kelsey Allen · Kevin Smith · Jessica Hamrick · Emmanuel Dupoux · Marc Toussaint · Josh Tenenbaum

2nd Workshop on Machine Learning on the Phone and other Consumer Devices (MLPCD 2)

Sujith Ravi · Wei Chai · Yangqing Jia · Hrishikesh Aradhye · Prateek Jain

Challenges and Opportunities for AI in Financial Services: the Impact of Fairness, Explainability, Accuracy, and Privacy

Manuela Veloso · Nathan Kallus · Sameena Shah · Senthil Kumar · Isabelle Moulinier · Jiahao Chen · John Paisley

Causal Learning

Martin Arjovsky · Christina Heinze-Deml · Anna Klimovskaia · Maxime Oquab · Leon Bottou · David Lopez-Paz

• Imitation Learning and its Challenges in Robotics

Mustafa Mukadam · Sanjiban Choudhury · Siddhartha Srinivasa

NIPS 2018 workshop on Compact Deep Neural Networks with industrial applications

Lixin Fan \cdot Zhouchen Lin \cdot Max Welling \cdot Yurong Chen \cdot Werner Bailer

• Smooth Games Optimization and Machine Learning

Simon Lacoste-Julien \cdot Ioannis Mitliagkas \cdot Gauthier Gidel \cdot Vasilis Syrgkanis \cdot Eva Tardos \cdot Leon Bottou \cdot Sebastian Nowozin

Modeling and decision-making in the spatiotemporal domain

Ransalu Senanayake · Neal Jean · Fabio Ramos · Girish Chowdhary

Machine Learning for Geophysical & Geochemical Signals

Laura Pyrak-Nolte · James R Rustad · Richard Baraniuk

Workshop on Ethical, Social and Governance Issues in Al

Chloe Bakalar · Sarah Bird · Tiberio Caetano · Edward W Felten · Dario Garcia · Isabel Kloumann · Finnian Lattimore · Sendhil Mullainathan · D. Sculley

Workshop on Security in Machine Learning

Nicolas Papernot · Jacob Steinhardt · Matt Fredrikson · Kamalika Chaudhuri · Florian Tramer

SATURDAY WORKSHOPS 8AM - 6:30PM

To find out Workshop locations, download the app or visit neurips.cc

Integration of Deep Learning Theories

Richard Baraniuk \cdot Anima Anandkumar \cdot Stephane Mallat \cdot Ankit Patel \cdot nhât Hồ

Wordplay: Reinforcement and Language Learning in Text-based Games

Adam Trischler · Angeliki Lazaridou · Yonatan Bisk · Wendy Tay · Nate Kushman · Marc-Alexandre Côté · Alessandro Sordoni · Daniel Ricks · Tom Zahavy · Hal Daumé III

Machine Learning for the Developing World (ML4D): Achieving sustainable impact

William Herlands · Maria De-Arteaga · Amanda Coston

Learning by Instruction

Shashank Srivastava \cdot Igor Labutov \cdot Bishan Yang \cdot Amos Azaria \cdot Tom Mitchell

Machine Learning for Systems

Anna Goldie \cdot Azalia Mirhoseini \cdot Jonathan Raiman \cdot Kevin Swersky \cdot Milad Hashemi

Relational Representation Learning

Aditya Grover · Paroma Varma · Frederic Sala · Christopher Ré · Jennifer Neville · Stefano Frmon · Steven Holtzen

NIPS Workshop on Machine Learning for Intelligent Transportation Systems 2018

Li Erran Li \cdot Anca Dragan \cdot Juan Carlos Niebles \cdot Silvio Savarese

Machine Learning for Health (ML4H): Moving beyond supervised learning in healthcare

Andrew Beam · Tristan Naumann · Marzyeh Ghassemi · Matthew McDermott · Madalina Fiterau · Irene Y Chen · Brett Beaulieu-Jones · Michael Hughes · Farah Shamout · Corey Chivers · Jaz Kandola · Alexandre Yahi · Samuel G Finlayson · Bruno Jedynak · Peter Schulam · Natalia Antropova · Jason Fries · Adrian Dalca · Irene Chen

Second Workshop on Machine Learning for Creativity and Design

Luba Elliott · Sander Dieleman · Rebecca Fiebrink · Jesse Engel · Adam Roberts · Tom White

Machine Learning for Molecules and Materials

José Miguel Hernández-Lobato \cdot Klaus-Robert Müller \cdot Brooks Paige \cdot Matt Kusner \cdot Stefan Chmiela \cdot Kristof Schütt

• Medical Imaging meets NIPS

Ender Konukoglu · Ben Glocker · Hervé Lombaert · Marleen de Bruiijne

• Reinforcement Learning under Partial Observability

Joni Pajarinen · Chris Amato · Pascal Poupart · David Hsu

· Privacy Preserving Machine Learning

Adria Gascon · Aurélien Bellet · Niki Kilbertus · Olga Ohrimenko · Mariana Raykova · Adrian Weller

Al for social good

Margaux Luck · Tristan Sylvain · Joseph Paul Cohen · Arsene Fansi Tchango · Valentine Goddard · Aurelie Helouis · Yoshua Bengio · Samuel Greydanus · Cody Wild · Taras Kucherenko · Arya Farahi · Jonathan Penn · Sean McGregor · Mark Crowley · Abhishek Gupta · Kenny Chen · Myriam Côté

NIPS 2018 Workshop on Meta-Learning

Joaquin Vanschoren · Frank Hutter · Sachin Ravi · Jane Wang · Erin Grant

NIPS 2018 Competition Track Day 2

Ralf Herbrich · Sergio Escalera

CiML 2018 - Machine Learning competitions "in the wild": Playing in the real world or in real time

Isabelle Guyon · Evelyne Viegas · Sergio Escalera · Jacob D Abernethy

Infer to Control: Probabilistic Reinforcement Learning and Structured Control

Leslie Kaelbling · Martin Riedmiller · Marc Toussaint · Igor Mordatch · Roy Fox · Tuomas Haarnoja

Emergent Communication Workshop

Jakob Foerster · Angeliki Lazaridou · Ryan Lowe · Igor Mordatch · Douwe Kiela · Kyunghyun Cho

Interpretability and Robustness in Audio, Speech, and Language

Mirco Ravanelli · Dmitriy Serdyuk · Ehsan Variani · Bhuvana Ramabhadran

Machine Learning Open Source Software 2018: Sustainable communities

Heiko Strathmann · Viktor Gal · Ryan Curtin · Antti Honkela · Sergey Lisitsyn · Cheng Soon Ong

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GRAPHCORE - Graphcore has created a completely new processor, the Intelligence Processing Unit (IPU), specifically designed for machine intelligence.

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- Deep Learning Workstations
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Our customers include Apple, Microsoft, Intel, Tencent, Stanford, Cal, the US Navy, US Airforce, and others. Lambda Labs systems come pre-installed with TensorFlow, PyTorch, Caffe and all of the deep learning software you need to start training immediately. Learn more at LAMBDALABS.COM.

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INTEL AI - About Intel AI Early detection of tumors. Predicting equipment failures before they happen. Having a natural conversation with your home or car. Making retail more personal than ever. This is Artificial Intelligence powered by Intel, and companies around the globe are using it to make money, save money, and advance the future of their industry. At Intel, we're using decades of expertise in silicon, software, communications, memory and storage to create the new technologies that AI demands. Technologies that break barriers between data center and edge, server and network, training and inference, model and reality – maximizing the economics of AI to take data from theory to real-world success. Learn more: ai.intel.com.

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GOOGLE - Our mission is to organize the world's information and make it universally accessible and useful, and Al is enabling us to do that in incredible new ways - solving problems for our users, our customers, and the world. Al makes it easier for you to do things every day, whether it's searching for photos of people you love, breaking down language barriers, or helping you get things done with your own personal digital assistant. But it's also providing us with new ways of looking at old problems and helping transform how we work and live, and we think the biggest impact will come when everyone can access it.

NAVER LINE - As Korea's No.1 internet company, NAVER Corporation accounts for over 76 percent of the country's search market, and operates a diverse range of services and products related to news, blogging, music, translations, webtoons, video and more. Based in Japan, LINE Corporation launched the LINE messaging app in June 2011 and since then has grown into a diversified platform, offering a variety of services and contents for more than 200 million users around the globe.

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UBER - Uber's mission is to bring reliable transportation to everywhere, for everyone. We started in 2010 to solve a simple problem: how do you get a ride at the touch of a button? More than eight years and five billion trips later, we've started tackling an even greater challenge: reducing congestion and pollution in our cities by getting more people into fewer cars

BAIDU - Baidu is the biggest Chinese search engine and Chinese website worldwide. With the development of 17 years, Baidu has thousands of R&D engineers, who constitute the best technical team around China and even the world.

WAVE COMPUTING - Wave Computing is revolutionizing Al and deep learning with its dataflow-based systems. The company's vision is to bring deep learning to the data, wherever the data is—from the datacenter to the edge of the cloud. Wave's innovative system solutions provide high-performance training and high-efficiency inferencing at scale, enabling companies to drive better business value from their data.

DEEPMIND - DeepMind is on a long-term mission to solve intelligence. We combine the ambitious and interdisciplinary nature of scientific thinking with the energy and focus of a technology start-up to create an inspiring environment where pioneering research and engineering can flourish. This approach sits at the heart of our progress so far, with cutting-edge advances across fields - ranging from deep reinforcement learning and neuroscience to robotics and safety - coming together to create increasingly general-purpose learning systems that can be applied to solve challenges in science, healthcare, and energy.

ALIBABA - ALIBABA GROUP'S MISSION IS TO MAKE IT EASY TO DO BUSINESS ANYWHERE. We enable businesses to transform the way they market, sell and operate. We provide the fundamental technology infrastructure and marketing reach to help merchants, brands and other businesses to leverage the power of the Internet to engage with their users and customers. Our businesses are comprised of core commerce, cloud computing, digital media and entertainment, innovation initiatives and others. Through investee affiliates, Cainiao Network and Koubei, respectively, we participate in the logistics and local services sectors.

APPLE - We're a diverse collection of people, reimagining what's possible to help us do what we love in new ways. The people who work here have reinvented entire industries with the Mac, iPhone, iPad, and Apple Watch, and with services, including iTunes, the App Store, Apple Music, and Apple Pay.

VOLEON - Voleon is a technology company that applies state-of-theart machine learning techniques to real-world problems in finance. For more than a decade, we have led our industry and worked at the frontier of applying machine learning to investment management. We have become a multibillion dollar asset manager, and we have ambitious goals for the future.

BYTEDANCE - Founded in 2012, Bytedance owns a series of content platforms that enable people to connect with, consume, and create content through machine learning technology. Our flagship product Toutiao is the largest Al-powered content platform in China. Bytedance also operates a series of products popular with mobile users worldwide, including Tik Tok and News Republic.

QUALCOMM - Qualcomm invents breakthrough technologies that transform how the world connects, computes and communicates. When we connected the phone to the Internet, the mobile revolution was born. Today, our inventions are the foundation for life-changing products, experiences, and industries. As we lead the world to 5G, we envision this next big change in cellular technology spurring a new era of intelligent, connected devices and enabling new opportunities in connected cars, remote delivery of health care services, and the loT — including smart cities, smart homes, and wearables.

ANT FINANCIAL - Ant Financial is a technology company that brings inclusive financial services to the world. Ant Financial, officially founded in October 2014, originated from Alipay founded in 2004. Ant Financial is dedicated to bringing the world more equal opportunities through building a technology-driven open ecosystem and working with other financial institutions to support the future financial needs of society

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ISEE - iSee, an MIT spin-off, is paving the way for autonomous vehicles that can deal with unfamiliar situations and complex interactions on the road. Inspired by computational cognitive science, our humanistic artificial intelligence will seamlessly integrate into society and benefit human lives.

INVENIA LABS - Invenia Labs uses machine learning to optimise the electricity grid, ensure demands are met at least-possible prices and minimum pollution. Our work helps to reduce emissions and pollution, improve the reliability of the grid and increase economic efficiency. We are researchers with backgrounds in machine learning, mathematics, physics, computer science, engineering and economics. In addition to being researchers, we are all interested in problems that have a huge impact on the world, specifically complex systems that involve economic and environmental efficiency along with human health and Al safety.

PREFERRED NETWORKS - Preferred Networks (PFN) is a Tokyo-based startup that applies deep learning technologies to emerging industrial problems. PFN develops Chainer, a deep learning framework. PFN works with many world-leading companies, such as Toyota Motor for autonomous driving, FANUC for manufacturing robots, and National Cancer Center Japan for healthcare. Its subsidiary is located in California.

CIRRASCALE - Cirrascale Cloud Services is a premier provider of dedicated, multi-GPU cloud-based solutions enabling GPU-driven deep learning frameworks and HPC applications. The Company delivers a secure, baremetal high-performance cloud platform enabling customers to scale their business as needed. To learn more about Cirrascale Cloud Services, visit http://www.cirrascale.cloud or call (888) 942-3800.

JANE STREET - Jane Street is a quantitative trading firm that uses innovative technology, a scientific approach, and a deep understanding of markets to guide our business. We employ over 700 people in New York, London, Hong Kong, and Amsterdam. The environment is intellectual and

collaborative; every day, there are new problems to solve and new theories to test. We're always looking for our next great idea.

PONY.AI - Founded in late 2016, Pony.ai aims to build the safest and most reliable self-driving solution and deliver it at a global scale. Pony. ai's fully self-developed software algorithms and infrastructure enables a vehicle to accurately perceive its surroundings, predict what others will do, and maneuver itself accordingly. Pony.ai is a privately held company headquartered in China and in the United States.

V7 - V7's deep learning tech is built to double the pace of scientific progress in humanity's most important searches for cures. We are a London based team operating in stealth. At NIPS we are launching Graphotate, a beautifully designed, semi-automatic image annotation tool for scientific research and applications. Visit our booth to try it and receive an invite code. Graphotate is free for academia.

NAVER LABS - NAVER LABS is an Ambient Intelligence company of NAVER, Korea's leading internet company. NAVER LABS researchers, engineers and designers work on future technologies including autonomous driving, robotics and artificial intelligence. The primary areas of research at NAVER LABS Europe in France are computer vision, natural language processing and machine learning and optimization.

BOSCH - The Bosch Center for Artificial Intelligence, founded in early 2017, deploys cutting-edge AI technologies to generate real-world impact across Bosch products and services. The center's goal is to achieve a leading position for Bosch in AI by attracting top talent, conducting differentiating research, and applying AI for the transformation of Bosch towards an Aldriven IoT company.

TWITTER - Twitter, Inc. (NYSE: TWTR) is what's happening and what people are talking about, all around the world. From breaking news and entertainment to sports and politics, from big events to everyday interests. If it's happening anywhere, it's happening first on Twitter. Twitter is where the full story unfolds with all the live commentary and where live events come to life unlike anywhere else. Twitter is available in more than 40 languages around the world. The service can be accessed at twitter.com, on a variety of mobile devices and via SMS. For more information, visit about. twitter.com or follow @twitter. For information on how to download the Twitter and Periscope apps, visit twitter.com/download and periscope.tv.

UNITY - Unity is the creator of the world's most widely-used real-time 3D development platform, giving developers around the world the tools to create rich, interactive 2D, 3D, VR and AR experiences.

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CUBIST SYSTEMATIC STRATEGIES - Cubist Systematic Strategies, the quantitative investing business of Point72, deploys systematic, computerdriven trading strategies across multiple liquid asset classes, including equities, futures, and foreign exchange. The core of our effort is rigorous research into a wide range of market anomalies, fueled by our unparalleled access to a wide range of publicly available data sources.

WAYFAIR - Through technology and innovation, Wayfair makes it possible for shoppers to quickly and easily find exactly what they want from a selection of more than 10 million items across home furnishings, décor, home improvement, housewares and more. Wayfair is reinventing the way people shop for their homes - from product discovery to final delivery, committed to delighting its customers every step of the way.

PDT PARTNERS - PDT Partners has had significant success over the past 24 years as a quantitative investment manager by using a scientifically rigorous approach to develop and deploy trading strategies. We're looking for people who love digging into challenging, data-driven problems. We have a supportive, collaborative culture, and are committed to being a fantastic place to work!

G-RESEARCH - G-Research uses scientific techniques to produce worldbeating predictive research and builds advanced technology to analyse big data. We believe in the science of ideas, where innovation meets imagination. What we create today, predicts tomorrow.

ARM - Arm technologies enable the world's most popular Al platform — the smartphone — including machine learning (ML) features like predictive text, speech recognition, and computational photography. We also enable newer Al platforms like voice assistants and consumer robots that are revolutionizing how people interact with technology and the way technology interacts with the world.

MATHWORKS - The MATLAB and Simulink product families are fundamental applied math and computational tools adopted by more than 5000 universities and colleges. MathWorks products help prepare students for careers in industry, where the tools are widely used for data analysis, mathematical modeling, and algorithm development in collaborative research and new product development.

DISNEY RESEARCH - Disney Research's objective is to drive value across The Walt Disney Company by injecting scientific & technological innovation. Our world-class research seeks to invent and transfer the most compelling technologies enabling the company to differentiate its content, services, and products. Disney Research combines the best of academia and industry, by doing basic and application-driven research.

BENEVOLENTAL - BenevolentAl is the global leader in the development and application of artificial intelligence ("Al") for scientific innovation. It is the largest private Al company in Europe and one of the five largest private Al companies in the world. BenevolentAl has built a leading position in artificial intelligence by developing technologies that deliver previously unimaginable scientific advances, rapidly accelerate scientific innovation and completely disrupt traditional methods of scientific discovery. The technology has been

validated in drug discovery, specifically, in the most challenging field of human biology: the identification of new disease targets.

JUMP TRADING - Jump Trading is a leader in automated trading powered by applied machine learning, high performance computing, and custom hardware. Founded in 1999, Jump Trading remains a privately owned and funded company with an entrepreneurial culture and 600 employees across offices in Chicago, New York, London, Singapore, and Shanghai.

NEXTAL - NextAl is Canada's premiere Al startup accelerator located in Toronto and Montreal - two global hotspots for Al research and commercialization. NextAl is for entrepreneurs, researchers and scientists looking to launch Al-enabled ventures. We provide up to \$200K of seed funding and founder development in the form of in-depth business and technical education taught by award-winning global faculty and entrepreneurs. All NextAl teams are given workspace and in-kind startup perks and access to corporate partners providing resources, including technology tools, data sets and mentorship.

TWENTY BILLION NEURONS - Twenty Billion Neurons is bringing deep learning-based AI to edge computing devices. With TwentyBN solutions, devices from laptop computers to appliances to robots can understand what is happening in the world around them using nothing more than an RGB camera. In training these devices, the company leverages its unique Crowd-Acting platform, on which humans demonstrate the world to machines.

BLOOMBERG - Bloomberg's technology drives the world's financial markets. Bloomberg's core product, the Terminal, is a must-have for more than 325,000 of the most influential people in finance. Our data scientists, engineers and researchers are building machine learning models for predicting the impact of news stories on company prices, recommendation systems, semantic parsing for question answering, topic clustering and classification, sentiment analysis, anomaly detection in time series and a variety of other problems.

D. E. SHAW - The D. E. Shaw group is trusted by investors across the world to manage their assets by seeking the optimal balance of risk and reward. We use a combination of quantitative and qualitative tools to uncover independent, hard-to-find sources of return across global public and private markets. Founded in 1988 over a small bookstore in downtown New York City, the D. E. Shaw group began with six employees and \$28 million in capital and quickly became a pioneer in computational finance. In the early days of exposed pipes and extension cords, tripping on a cable could take out our whole trading system. Today, the firm has more than 1,200 people around the globe and an institutional-grade (and trip-proof) infrastructure, but we still value creativity, entrepreneurship and the spirit of discovery.

INSILICO MEDICINE - Insilico Medicine is committed to extending human performance and longevity using the latest advances in Al. Insilico develops end-to-end Al-powered drug discovery pipelines and it pioneers the applications of the generative adversarial networks (GANs) and reinforcement learning for de novo generation of drug molecules. Insilico received NVIDIA top 5 Al companies for social impact 2017, CB Insights' global top 100 Al companies 2018, and the Frost & Sullivan 2018 North American Artificial Intelligence for Aging Research and Drug Development Award.

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IVADO - IVADO aims to bring together industry professionals and academic researchers to develop cutting-edge expertise in data science, operational research and artificial intelligence. With over 1000 affiliated scientists, IVADO is an advanced multidisciplinary centre for knowledge in sectors including statistics, business intelligence, deep learning, applied mathematics, data mining and cybersecurity.

HUAWEI - Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. With integrated solutions across four key domains - telecom networks, IT, smart devices, and cloud services - we are committed to bringing digital to every person, home and organization for a fully connected, intelligent world.

MORGAN STANLEY - Morgan Stanley is a global financial services firm and a market leader in investment banking, securities, investment management and wealth management services. With offices in more than 41 countries, the people of Morgan Stanley are dedicated to providing our clients the finest thinking, products and services to help them achieve even the most challenging goals.

SBERBANK - Sberbank is a powerful innovative bank which is rapidly becoming one of the major digital financial institutions. Sberbank is an international bank in the top 20 in terms of capitalization with offices in Switzerland, Austria, England, Turkey and a number of European countries. We are actively using artificial intelligence and machine learning technologies to empower our products and services.

COGENT LABS - Based in Tokyo, Cogent Labs provides cutting-edge Artificial Intelligence solutions to solve real-world problems and to improve people's quality of life and work. Our international team conducts advanced applied and fundamental research in machine learning and deep learning to develop high quality products and business solutions, leveraging expertise across a wide range of fields including time-series forecasting, natural language processing and image processing.

NETFLIX - Netflix is the world's leading internet entertainment service with 125 million memberships in over 190 countries enjoying TV series, documentaries and feature films across a wide variety of genres and languages. Netflix uses machine learning across a wide range of core business areas, including: personalization, content creation, and streaming algorithms.

CAPITAL ONE - Capital One is a diversified bank that offers a broad array of financial products and services to consumers, small businesses and commercial clients. A Fortune 500 company, Capital One has one of the most widely recognized brands in America.

SPORTLOGIO - SPORTLOGIO is an Al-powered sports analytics company transforming the way fans & teams experience the game. Founded in 2015 by an Olympic athlete and a PhD in computer vision and machine learning, we help teams win more games and broadcasters engage more viewers. We're looking for passionate researchers & engineers to help us transform every aspect of the sports industry with machine intelligence.







YANDEX - Yandex is one of the largest internet companies in Europe, operating Russia's most popular search engine. We provide user-centric products and services based on the latest innovations in information retrieval, machine learning and machine intelligence to a worldwide customer audience on all digital platforms and devices.

SAMSUNG - Samsung semiconductor solutions are the engines that power today's devices. The Samsung U.S. SOC R&D Lab was founded in 2010 as a research center for cellular modem systems and solutions. Over the years, the lab expanded its research and development roles into two main fields, wireless communications and multimedia processing. R&D efforts in wireless communications include 5G cellular New Radio.

BIOMIND - BioMind™ is deeply committed to improving the lives of millions of patients globally through deeptech. Staffed by a mission-driven people who love building great products powered by Artificial Intelligence, the team creates predictive applications to help hospitals diagnose medical conditions and manage healthcare-related problems. BioMind™ Al applications cover a wide spectrum of areas including brain tumours, vascular diseases and pathology.

J.P. MORGAN - At J.P. Morgan, technology is at the core of everything we do to & is the foundation of our exceptional client & employee experience. We have 50,000 professionals that collaborate to design, build, & deploy cutting edge solutions. We hired ~300 people for Machine Learning, Al, & Data Science roles last year & we're looking for more who want to solve big data science problems and change the world.

INSPUR - Inspur is the leader in intelligent computing and ranked top three in worldwide server manufacturing. We provide cutting-edge hardware design and deliver extensive Al product solutions. Inspur provides customers with customized IT infrastructures and Al solutions that are Tier 1 in quality and energy efficiency. Inspur's products are optimized for applications and workloads built for data center environments.

LYFT - Lyft's vision of the self-driving future is shaped around people — not cars. With accessible, safe transportation for everyone, we can redefine our world and reclaim our cities. Engineers at Level 5 are equipping vehicles with the latest advancements in sensors, and applying deep learning to predict and perceive the world around us. We're leveraging route by route data from the million Lyft rides completed every day to both rapidly advance our technology and train our vehicles.

SAS - SAS is the leader in business analytics software and services, and the largest independent vendor in the business intelligence market. With innovative business applications supported by an enterprise intelligence platform, SAS helps customers at 44,000 sites improve performance and deliver value by making better decisions faster, since 1976. 25

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XPRIZE - XPRIZE, a 501(c)(3) nonprofit organization, is the global leader in designing & implementing innovative competition models to solve the world's grandest challenges including the \$10M ANA Avatar XPRIZE competition challenging teams to develop a multipurpose avatar system and the \$5M IBM Watson AI XPRIZE competition is challenging teams to develop powerful Artificial Intelligence (AI) applications.

SQUAREPOINT - Squarepoint is a systematic investment manager with deep functional expertise in Quantitative Research, Trading and Technology. We design and build our own cutting-edge systems, from high performance trading platforms to large scale data analysis and compute farms. With main offices in New York, London and Singapore, we emphasize true global collaboration by aligning our teams functionally.

360 SECURITY CENTER - Founded in December 2005, 360 Security Center is a leading internet security service provider in China. Our seasoned technical team is devoted to developing innovative and advanced security technology to protect personal computers and mobile phones. We offer a wide variety of security products, such as 360 Security Guard, 360 AntiVirus, 360 Secure Browser, 360 Safebox and 360 MobileSafe.

ROADSTAR.AI - Founded in May 2017, Roadstar.ai is a Shenzhen & Silicon Valley-based startup specializing in Level 4 autonomous driving technologies. The company has raised US\$128 million in Series-A Funding, marking the largest single-round funding for China's self-driving industry. Roadstar.ai has formed strategic partnerships with OEMs and Tier 1 suppliers from Japan, USA, and Europe.

INCEPTION INSTITUTE OF ARTIFICIAL INTELLIGENCE - The Inception Institute of Artificial Intelligence (IIAI) is a national research organization of the UAE. IIAI is leading fundamental and applied research that pushes the boundaries of AI knowledge and its application for solving complex problems in all domains.

BRIDGESTONE - Bridgestone Corporation, headquartered in Tokyo, is a pioneer in the field of tire and rubber manufacturing. Recently, we launched a dedicated organization Digital Solution Center to further accelerate pushing the boundaries of mobility services by understanding ever-changing customer needs, based on advanced technologies in distributed IoT analytics and sensor-fusion technologies.

EDGESTREAM - Devoted to institutional investment management in an ever-changing world. Focused on quantitative methods and liquid markets across the globe.

LAB41 - Lab41 is an IQT Lab that explores how the U.S. government can leverage emerging machine learning capabilities to impact mission. We're tackling the most difficult challenges in data analytics, in support of the U.S. Intelligence Community. IQT Labs are a part of In-Q-Tel and strive to illustrate the art of the possible. Our projects leverage and contribute to the open source community.

XBRAIN - xBrain develops Al solutions, specialized in Natural Language for businesses. For us machines and people are complementary and by facilitating the collaboration between humans and Al, we empower people to reach their true potential. It's with this mindset that xBrain created satisfaction. Al the first Al powered conversational platform dedicated to disrupt the customer service.

YIXUE INC - YiXue Inc. is a leading Al-based adaptive learning service provider for K-12 students in China. YiXue offers after-school courses for Math, English, Chinese, Physics and Chemistry subjects, powered by its proprietary Al adaptive engine and custom-built courseware. Students can enjoy a supervised adaptive learning experience that has been proven to improve both efficacy and student engagement.

QUADRATURE CAPITAL - Founded in 2010, Quadrature Capital is a small tech business run by programmers. Using cutting edge technologies and complex algorithms, we analyse petabytes of structured and unstructured data to trade in a way that's impossible for humans. Our trading is entirely automated and we look to bring automation to everything we do. Talented people and powerful technology make it all possible.

WESTBOURNE PARTNERS - Westbourne Partners is a boutique recruitment firm and an AI specialist. Our portfolio of clients covers exciting start-ups, global Tech firms & the most successful Hedge Funds. We help our clients gain an edge in the competitive area of talent acquisition & help connect our candidates with well-matched teams in R&D. Our coverage includes Autonomous Driving, AR/VR, Research Labs & Quant Trading.

SOUNDHOUND - SoundHound Inc. turns sound into understanding and actionable meaning. We believe in enabling humans to interact with the things around them by speaking naturally to mobile phones, cars, and every other part of the emerging 'connected' world. Our Houndify platform brings voice-enabled Al to everyone, everywhere, including our Hound voice assistant our SoundHound music recognition app.

PRYON - Developer of an AI platform intended to provide the accuracy and security features necessary for enterprise applications. The company is operating in stealth mode.

PETUUM - Petuum, Inc. is a ML and Al company built upon years of research by leading CMU faculty & students. We are creating a powerful, programmable and distributed everyday tool for managers, engineers and data scientists. With it's omni-lingual (all languages), omni-mount (all hardware), and omnisource (all data formats) platform, Petuum is putting practical Al into the hands of every enterprise.

AITRICS - As a leading AI research group in Healthcare with dozens of papers published at top-tier machine learning conferences, AITRICS aims to deliver predictive, preventive and personalized care, while giving everyone access to the power of data-driven health intelligence. Its rigorous, research-driven approach will lead to optimized precision care, strengthening trust, fairness and transparency.

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IVADO LABS









GHELIA **pupil labs**















SCALE AI - SCALE AI is Canada's artificial intelligence (AI) Supercluster dedicated to building the next-generation supply chain and boosting industry performance by leveraging AI technologies.

IVADO LABS - IVADO Labs is a Montreal-based start-up in the heart of one of the fastest growing Al communities in the world. We are building a new organization with a mandate to deliver advanced solutions and software products in the field of data science, operational research and Al. Our goal : to solve the most complex problems and the highest added value for our technological and industrial partners via.

KNIGHT FOUNDATION - Knight Foundation is a national foundation with strong local roots. We invest in journalism, in the arts, and in the success of cities where brothers John S. and James L. Knight once published newspapers. Our goal is to foster informed and engaged communities, which we believe are essential for a healthy democracy.

SIGOPT - SigOpt was founded to empower the world's experts by building software solutions that accelerate and amplify their impact. SigOpt's Optimization Solution automates hyperparameter tuning to improve team productivity, accelerate model development, and scale high-performing models in production.

IMAGIA - Imagia is the artificial intelligence B2B co-development partner for the next generation of healthcare solutions. We unlock Al-driven healthcare research collaborations through the Evidens platform. Evidens removes data access barriers for non-Al-expert clinical researchers, and provides research and discovery infrastructure for both clinical and Al researchers.

OUSTER - Ouster is a leading provider of LIDAR and related robotics technology dedicated to bringing 3D sensing to the masses. We sell the OS-1 and OS-2 LIDAR sensors which are the most capable, powerful, and affordable sensors on the market. We focus on practical, scalable engineering, and pride ourselves on shipping products.

GHELIA - GHELIA Inc. was established in June 2017 as a joint venture between Sony CSL, UEI Corporation, and WiL, LLC.. GHELIA aims to utilize AI technologies not only for business enterprises but also for human enhancement. In order to achieve this, we are working on a new AI platform suitable for lay people to easily develop their own AI systems and freely distribute them across the globe.

PUPIL LABS - Pupil Labs develops open source software and builds accessible hardware for eye tracking. Our mobile eye tracking headsets have research grade specs and enable accessible and scalable eye tracking research. Pupil software ships with state of the art eye tracking algorithms. Pupil Labs enables VR and AR research and development by providing eye tracking add-ons for the latest consumer hardware.

OBSIDIAN SECURITY - Obsidian Security is a data-driven start-up working at the intersection of cybersecurity, artificial intelligence, ethical data science, and hybrid-cloud environments. Founded by Glenn Chisholm, Ben Johnson, and Matt Wolff with backing from Greylock Partners, Obsidian Security is focused on using applied mathematics and machine learning to secure and empower today's hybrid cloud organizations.

FREENOME - Freenome is an AI genomics company on a mission to empower everyone with the tools they need to detect, treat, and ultimately prevent their diseases. By applying advanced machine learning techniques to recent breakthroughs in genomic science, Freenome is developing noninvasive blood tests to detect early-stage cancer and improve precision oncology treatments for millions of patients.

NETEASE FUXI LAB - NetEase Fuxi Lab is an AI developer founded on the principle of bridging artificial intelligence and electronic games through transdisciplinary research. Fuxi focuses on reshaping audiovisual experience of gaming and boosting the development of AI frontier research at the same time

TENCENT AI LAB - Established in April 2016, Tencent AI Lab is a corporate-level research and application lab of artificial intelligence. AI Lab's vision is to "Make AI Everywhere" for the benefit of people in all aspects of life. Backed by 70 world-class research scientists and 300 experienced engineers in China and US, the lab strives to continuously improve AI's capability.

DIDI CHUXING - Didi Chuxing is the world's leading mobile transportation platform. We are committed to working with communities and partners to solve the world's transportation, environmental and employment challenges by using big data-driven deep-learning algorithms that optimize resource allocation. By continuously improving user experience and creating social value, we strive to build an open, efficient, coll

HEARST - Hearst is one of the nation's largest diversified media, information and services companies with more than 360 businesses. Its major interests include ownership in cable television networks such as A&E, HISTORY, Lifetime and ESPN; global financial services leader Fitch Group; Hearst Health; Transportation assets; 31 television stations, Newspapers (e.g. Sfgate), and Magazines (e.g. Elle, Cosmo).

SENSETIME - SenseTime is the world's most valuable artificial intelligence (AI) unicorn focusing on computer vision and deep learning. The company has raised a total financing of more than US 1.6 billion and is valued over US 4.5 billion. With the mission of leading AI innovation to power the future, SenseTime has independently developed a deep learning platform, supercomputing centers, and a range of AI..

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ENIGMA - Our mission is to empower people to interpret and improve the world around them. We do this by transforming how data is seen and used in the enterprise. Enigma connects internal and external data to surface insights that inform business decisions, solve problems and unlock new opportunities

PARIS REGION - Enjoying a leading economic position in Europe with more than 500,000 firms, 29 Fortune Global 500 company headquarters, and 150,000 researchers, Paris Region, also called in France "Region Îlede-France" ranks among the most competitive regions for research and development, innovation, and entrepreneurship and aims to become a world leading hub for artificial intelligence

ASCENT ROBOTICS - Ascent Robotics, through the influence of theoretical neuroscience, is developing a new algorithmic approach to robotic control. Building intuitive and interpretable full stack Al across autonomous vehicles and industrial robotics. Since inception in 2016, the company has attracted talented individuals to solve the world's most complex issues.

GROQ - Groq is a semiconductor company building easy to use, high TOPS/ Watt machine learning accelerators with sub-millisecond latency. Learn more at www.groq.com.

SK TELECOM - SK Telecom is Korea's largest telecom company with more than 29 million mobile subscribers and actively developing powerful platforms (Lifestyle Enhancement, Media and IoT) aimed at delivering optimal value to customers. Al Research Center and research group 'T-Brain' is focused on advancing fundamental Al research while also producing practical applications on SKT's own data and service platform.

VERISK ANALYTICS - Verisk Analytics is a leading data analytics provider serving customers in insurance, financial services, energy and specialized markets. We've been delivering data, analytics, and decision support services to our customers for more than 45 years. We're a socially responsible global company operating in 30 countries around the world.

HABANA LABS - Habana Labs was founded in 2016 to unlock the true potential of Al by providing an order of magnitude improvements in processing performance, cost and power consumption. The company set out to develop Al processors from the ground up, optimized for the specific needs of training deep neural networks and for inference deployment in production environments. Habana Labs is a fabless semiconductor company located in Tel-Aviv, Israel and San Jose, California, employing over 120 people worldwide.

EXPEDIA - Expedia is one of the world's leading full-service online travel brands helping travelers easily plan and book travel from the widest selection of vacation packages, flights, hotels, rental cars, rail, cruises, activities, attractions, and services. Our scientists combine their passion for travel and expertise in ML/Al to solve some of the most complex computational problems in the travel domain.

LIONBRIDGE



ARGO AI - Argo AI was founded to tackle one of the most challenging applications in computer science, robotics and artificial intelligence with self-driving vehicles. Argo Al is developing and deploying the latest advancements in artificial intelligence, machine learning and computer vision to help build safe and efficient self-driving vehicles that enable these transformations and more. The challenges are

APTIV - Aptiv is a global technology company that develops safer, greener and more connected solutions, which enable the future of mobility. Headquartered in Dublin, Aptiv has 147,000 employees and operates 14 technical centers, as well as manufacturing sites and customer support centers in 45 countries. Visit aptiv.com.

NASPERS - Naspers is a global internet and entertainment group and one of the largest technology investors in the world. www.naspers.com.

PARALLELM - ParallelM is the first and only company delivering machine learning operationalization (MLOps) at scale. ParallelM's breakthrough MCenter™ solution is built specifically to power the deployment and management of machine learning pipelines in production, so that companies can scale machine learning across their business applications.

HSBC - HSBC is one of the world's largest banking and financial services organisations. With around 3,800 offices in both established and emerging markets, we aim to be where the growth is, connecting customers to opportunities, enabling businesses to thrive and economies to prosper, and, ultimately, helping people to fulfil their hopes and realise their ambitions. www.gbm.hsbc.com

HUDSON RIVER TRADING - Hudson River Trading brings a scientific approach to trading financial products. We have built one of the world's most sophisticated computing environments for research and development. Our researchers are at the forefront of innovation in the world of algorithmic trading. At HRT we are mathematicians, computer scientists, statisticians, physicists and engineers. We research and develop automated

LIONBRIDGE - The Global Services for Machine Intelligence team at Lionbridge provides human-powered services to support our customers' Al efforts by providing unparalleled scalability and complete global coverage. For more information about Global Services for Machine Intelligence, Lionbridge, please contact GSMI@lionbridge.com

GSA CAPITAL - GSA Capital is a multi-award winning investment manager that has been delivering exceptional results to global investors for over 15 years. With offices in London, New York and Hong Kong, GSA Capital combines a world-class proprietary platform with innovative thinking to develop and deploy systematic and process-driven investment strategies across all asset classes, geographies and timescales.

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Xinghao Pan

Yair Carmon Yaoliang Yu Yin Cheng Ng Zachary Charles Zhuoran Yang Zohar Karnin

Author Index



Mausam: Poster Wed

Daskalakis, Constantinos: Poster

Zamani Dadaneh, Siamak: Poster

A. Saurous, Rif: Poster Wed Aaronson, Scott: Poster Thu Abbasi, Yasin: Poster Wed Abbasi, Ehsan: Poster Thu

Abbe, Emmanuel: Poster Wed

Abbeel, Pieter: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2, Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed, Workshop Fri in None

Abbott, Matthew: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Abd-Almageed, Wael: Poster Thu Abernethy, Jacob: Workshop Sat

Abernethy, Jacob: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Abid, Abubakar: Poster Tue **Abu-El-Haija, Sami**: Poster Thu Acerbi, Luigi: Poster Thu

Acharya, Jayadev: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Poster Thu

Achiam, Joshua: Workshop Fri in None

Achille, Alessandro: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Achim, Tudor: Poster Thu Adachi, Shuichi: Poster Tue Adam, Hartwig: Poster Tue Adams, Ryan: Poster Thu

Adebayo, Julius: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Adi. Yossi: Poster Tue Adler, Jonas: Poster Tue

Agarwal, Alekh: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Agarwal, Naman: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Aghasi, Alireza: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed, Poster Thu

Agrawal, Priyanka: Poster Thu Agrawal, Puneet: Demonstration Tue in Tue Demonstrations

Agrawal, Gagan: Poster Tue **Agrawal, Aishwarya**: Poster Tue Agustsson, Eirikur: Poster Thu Ahmed, Ali: Spotlight Wed in Wed

Track 3 -- Session 2, Poster Wed,

Ahn, Kwangiun: Poster Wed Ahn, Sungjin: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Akrami, Athena: Poster Thu Al-Rfou, Rami: Poster Thu Alam, Mejbah: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Alami Mejjati, Youssef: Poster Tue Alayrac, Jean-Baptiste: Poster Tue Albanie, Samuel: Poster Wed

Alemi, Alexander: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed, Poster Thu

ALIAS PARTH GOYAL, Anirudh Goyal: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Alistarh, Dan: Poster Thu Allamanis, Miltiadis: Poster Thu Allen, Kelsey: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed, Workshop Fri in None

Allen-Zhu, Zeyuan: Poster Tue, Poster Wed, Spotlight Wed in Wed Track 3 -- Session 2, Poster Thu

Almanza, Matteo: Poster Thu Almohsen, Ranya: Poster Tue Aluru, Srinivas: Poster Thu Alvarez Melis, David: Poster Tue Amato, Chris: Workshop Sat in None

Ambrogioni, Luca: Poster Thu Amin, Mohammad: Poster Tue Amini, Lisa: Poster Wed

Amodei, Dario: Poster Wed

Amos, Brandon: Poster Wed, Poster

Anand, Namrata: Poster Tue Anandkumar, Anima: Workshop Sat in None

Anari, Nima: Poster Thu Anderson, Keith: Poster Wed Anderson, Peter: Poster Tue, Workshop Fri in None

Andreas, Jacob: Poster Tue Andriyash, Evgeny: Poster Tue Angell, Rico: Poster Tue Anghel, Andreea: Poster Tue

Annavaram, Murali: Poster Tue Antognini, Joseph: Poster Wed

Antropova, Natalia: Workshop Sat

Aoi, Mikio: Poster Wed

Aradhye, Hrishikesh: Workshop Fri in None

Aragam, Bryon: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed,

Arandjelović, Relja: Spotlight Wed in Wed Track 2 -- Session 1, Poster

Arbel, Michael: Poster Tue Archambeau, Cedric: Poster Thu Archer, Derek: Poster Tue

Arik, Sercan: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Arjovsky, Martin: Workshop Fri in

Armstrong, Stuart: Poster Wed Arora, Raman: Poster Wed, Poster Thu

Artés, Antonio: Spotlight Wed in

Wed Track 2 -- Session 2, Poster Wed

Asadi, Amir: Poster Wed

Ashtiani, Hassan: Oral Wed in Wed Track 3 -- Session 1, Poster Wed

Aslanides, John: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Asnani, Himanshu: Poster Wed Assunção, Renato: Poster Thu Athey, Susan: Tutorial Mon in Tutori-

als Session 3

Athey, Susan: Poster Wed Atif, Jamal: Poster Thu

Aubin, Benjamin: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu

Auricchio, Gennaro: Poster Thu Avalos, Marta: Poster Thu Avestimehr, Salman: Poster Tue. Poster Wed

Avron, Haim: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Awan, Jordan: Poster Wed Ayaz, Ulas: Poster Tue

Aytar, Yusuf: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Azaria, Amos: Workshop Sat in

Ba, Jimmy: Poster Tue Ba, Jimmy: Poster Tue

Babenko, Artem: Poster Tue Bach, Francis: Poster Tue, Poster

Wed, Poster Thu, Oral Thu in Thu Track 3 -- Session 2

Bachem, Olivier: Poster Wed Bafna, Mitali: Poster Tue Bagnell, J.: Poster Wed

Bahl, Shikhar: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Bahri, Dara: Poster Wed Bai, Wenruo: Poster Wed Bailer, Werner: Workshop Fri in

Bailey, Bolton: Spotlight Tue in Tue Track 1 -- Session 1, Poster Tue

Bajaj, Payal: Poster Tue

Bajpai, Aniket (Nick): Poster Wed Bak, Ji Hyun: Poster Thu

Bakalar, Chloe: Workshop Fri in None

Baker, Jack: Poster Thu

Bakshi, Ainesh: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed

Balaban, Stephen: Poster Tue

Balafrej, Ismael: Demonstration Wed in Wed Demonstrations

Balaji, Yogesh: Poster Thu Balakrishnan, Sivaraman: Poster

Wed, Poster Thu Balasubramanian, Krishnakumar:

Poster Wed

Balcan, Maria-Florina: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Baldi, Pierre: Oral Tue in Tue Track 1

-- Session 1, Poster Tue

Balduzzi, David: Poster Tue Balkanski, Eric: Poster Wed

Ballas, Nicolas: Poster Tue Balle, Borja: Poster Tue

Balleine, Bernard: Oral Thu in Thu Track 1 -- Session 1, Poster Thu

Ballé, Johannes: Poster Thu Ballé, Johannes: Poster Thu Balunovic, Mislav: Oral Tue in Tue

Track 3 -- Session 2, Poster Tue Bambach, Sven: Poster Thu

Bambos, Nicholas: Poster Wed Bandettini, Peter: Poster Wed

Banerjee, Arindam: Poster Wed Banerjee, Monami: Poster Tue

Banner, Ron: Poster Tue, Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Bansal, Nitin: Poster Thu

Baracaldo Angel, Nathalie: Demonstration Tue in Tue Demonstra-

Baraniuk, Richard: Workshop Fri in None, Workshop Sat in None

Barber, David: Poster Wed, Poster

barbier, jean: Spotlight Thu in Thu Track 3 -- Session 1. Poster Thu Bareinboim, Elias: Poster Wed,

Poster Thu

Barreto, Andre: Poster Wed Barry, Caswell: Oral Tue in Tue Track

1 -- Session 2, Poster Tue Bart, Eugene: Poster Thu Barthe, Gilles: Poster Tue

Bartlett, Peter: Poster Thu Bartunov, Sergey: Poster Thu Basevi, Hector: Poster Wed

Bashiri, Mohammad Ali: Poster Thu Bassetti, Federico: Poster Thu

Bassily, Raef: Oral Tue in Tue Track 3 -- Session 2, Poster Tue

Bastani, Osbert: Poster Wed

Batra, Dhruv: Workshop Fri in None Battle, Katherine: Poster Wed

Bauer, Stefan: Poster Wed Bauer, Matthias: Poster Wed

Bazin, Théis: Demonstration Tue in Tue Demonstrations

Beam, Andrew: Workshop Sat in

Bear, Daniel: Poster Tue

Beaulieu-Jones, Brett: Workshop Sat in None

Becigneul, Gary: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Becker, Stephen: Poster Tue Beckham, Christopher: Poster Wed

Behrens, Tim: Oral Tue in Tue Track 1 -- Session 2. Poster Tue

Belkin, Mikhail: Poster Thu

Author Index



Bellec, Guillaume: Poster Wed **Bellet, Aurélien**: Workshop Sat in None

Bello, Kevin: Poster Wed, Poster Thu **Bellot, Alexis**: Poster Thu

Belyaeva, Anastasiya: Poster Thu **Ben Ayed, Ismail**: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Ben-David, Shai: Poster Tue **Ben-David, Shai**: Oral Wed in Wed Track 3 -- Session 1, Poster Wed

Ben-Nun, Tal: Poster Tue **Ben-Porat, Omer**: Poster Wed

Benaim, Sagie: Poster Tue **Benedetti, Michela**: Demonstration

Wed in Wed Demonstrations **Bengio, Yoshua**: Workshop Sat in

Bengio, Yoshua: Oral Tue in Tue Track 1 -- Session 1, Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2, Spotlight Tue in Tue Track 1 -- Session 2, Poster Wed, Poster Thu

Bengio, Samy: Poster Tue, Poster Wed, Poster Thu

Bennamoun, Mohammed: Poster

Benson, Austin: Poster Wed **Bent, Oliver**: Demonstration Tue in

Tue Demonstrations **Bento, José**: Poster Thu

Berant, Jonathan: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed,

Wed Track 1 -- Session 2, Poster Wed, Poster Thu **Berg-Kirkpatrick, Taylor**: Poster Tue

Berg-Kirkpatrick, Taylor: Poster Tue **Bergeron, Arnaud**: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Bernacchia, Alberto: Poster Tue Bernstein, Garrett: Poster Thu

Berk, Richard: Poster Tue

Bertsimas, Dimitris: Poster Thu
Bethge, Matthias: Poster Thu

Bettencourt, Jesse: Oral Tue in Tue Track 2 -- Session 2, Poster Tue

Bhagoji, Arjun Nitin: Poster Wed **Bhatia, Kush**: Poster Thu

Bhattacharjee, Tapomayukh: Demonstration Wed in Wed Demon-

strations **Bhattacharjya, Debarun**: Spotlight

Wed in Wed Track 2. Session 2.

Wed in Wed Track 2 -- Session 2,
Poster Wed

Bhattacharyya, Arnab: Poster Thu **Bian, An**: Poster Wed

Bielik, Pavol: Oral Tue in Tue Track 3 -- Session 2, Poster Tue

Bilaniuk, Olexa: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Bilen, Hakan: Poster Tue

Bilmes, Jeff: Poster Wed, Poster Thu Binas, Jonathan: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Bindel, David: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed, Poster Thu

Bing, Lidong: Poster Thu **Bird, Sarah**: Workshop Fri in None

Birdal, Tolga: Poster Tue **Bisk, Yonatan**: Workshop Sat in

Bistritz, Ilai: Poster Thu

Bińkowski, Mikołaj: Poster Tue

Bjorck, Nils: Poster Thu **Blanchet, Jose**: Poster Thu **Blier, Léonard**: Poster Wed

Bloem-Reddy, Benjamin: Workshop Fri in

Blum, Avrim: Poster Wed **Blundell, Charles**: Poster Wed

Blunsom, Phil: Poster Tue **Blunsom, Phil**: Poster Wed

Bogunovic, Ilija: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed

Bohn, Tanner: Poster Tue **Bongers, Stephan**: Poster Thu **Boo, Yoonho**: Poster Tue

Boomsma, Wouter: Poster Tue **Boots, Byron**: Poster Wed, Poster Thu

Bore, Nelson: Demonstration Tue in Tue Demonstrations

Botev, Aleksandar: Poster Thu **Bottou, Leon**: Poster Tue, Workshop

Fri in None

Botvinick, Matt: Poster Wed Bou Ammar, Haitham: Poster Wed Boult, Terrance: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Boumal, Nicolas: Oral Thu in Thu Track 3 -- Session 2, Poster Thu

Boureau, Y-Lan: Workshop Fri in

Bousquet, Olivier: Poster Tue,

Poster Wed **Bouthillier, Xavier**: Poster Tue

Boutilier, Craig: Poster Tue, Oral Thu in Thu Track 1 -- Session 2, Poster Thu

Bowling, Michael: Poster Wed **Braga-Neto, Ulisses M.**: Poster Wed

Bragg, Jonathan: Demonstration Wed in Wed Demonstrations

Brand, Daniel: Poster Tue

Brandes Kraaijenzank, Sebastian: Demonstration Tue in Tue Demonstrations

Branzei, Simina: Poster Wed **braverman, Vladimir**: Poster Wed

Bravo, Mario: Poster Wed

Brekelmans, Rob: Poster Thu **Bresler, Guy**: Poster Thu

Bresler, Yoram: Spotlight Tue in Tue Track 3 -- Session 1, Poster Tue

Breuer, Adam: Poster Wed **Breuleux, Olivier**: Spotlight Thu in
Thu Track 1 -- Session 1, Poster Thu

Brevdo, Eugene: Oral Thu in Thu Track 1 -- Session 2, Poster Thu

Brochu, Eric: Poster Thu

Brockett, Chris: Poster Tue **Brockschmidt, Marc**: Poster Thu

Broderick, Tamara: Workshop Fri in None

Brodeur, Simon: Demonstration Wed in Wed Demonstrations

Brody, Carlos: Poster Thu

Bronstein, Alex: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Brosse, Nicolas: Poster Thu
Brown, Noam: Poster Wed
Brunel, Victor-Emmanuel: Poster

Wed

Brunskill, Emma: Demonstration Wed in Wed Demonstrations, Poster Wed

Bu, Rui: Poster Tue

Bubeck, Sebastien: Poster Wed, Oral Thu in Thu Track 3 -- Session 2, Poster Thu

Buckman, Jacob: Oral Thu in Thu Track 1 -- Session 2, Poster Thu

Budden, David: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Buffet, Olivier: Poster Wed **Bui, Hung**: Poster Tue

Bunel, Rudy: Poster Thu **Buntine, Wray**: Poster Wed

Burgess, Chris: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Burkov, Egor: Poster Tue

Burnaev, Evgeny: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Busa-Fekete, Róbert: Poster Wed, Poster Thu

Byrd, William: Poster Tue

Caetano, Tiberio: Workshop Fri in None

Cai, Deng: Poster Tue
Cai, Yang: Poster Wed

Cai, Diana: Workshop Fri in None

Cai, Ruichu: Poster Wed
Cai, Xiangrui: Poster Thu
Cai, Diana: Poster Thu

Calandra, Roberto: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Calandriello, Daniele: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Calderhead, Ben: Poster Thu
Camburu, Oana-Maria: Poster Tue

Cameron, Ewan: Poster Wed

Campiano, Raffaello: Poster Wed Campbell, Trevor: Workshop Fri in

None

Canini, Kevin: Poster Wed
Canonne, Clement: Poster Wed

Cao, Jie: Poster Tue

Cao, Xiaochun: Poster Wed **Cao, Longbing**: Poster Tue

CAO, ZHANGJIE: Poster Tue

Cao, Wei: Poster Tue

Car, Roberto: Poster Tue
Caramazza, Piergiorgio: Poster Tue

Carin, Lawrence: Spotlight Tue in Tue Track 2 — Session 1, Poster Tue, Poster Wed

Carion, Nicolas: Poster Wed Carlson, David: Poster Tue

Carmon, Yair: Oral Wed in Wed Track 3 -- Session 2, Poster Wed

Caron, Francois: Poster Tue

Carratino, Luigi: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Carreira-Perpinan, Miguel: Poster Wed

Caruana, Rich: Workshop Fri in

Casale, Francesco Paolo: Poster Thu Cassirer, Albin: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Catanzaro, Bryan: Poster Tue Caterini, Anthony: Poster Wed

Celis, Elisa: Poster Wed
Celli, Andrea: Poster Tue

Cevher, Volkan: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed, Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu

Ceze, Luis: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Cha, Jaekwang: Demonstration Tue

in Tue Demonstrations

Cha, Hyunseung: Poster Wed

Chae, Hyeok-Joo: Poster Thu

Chai, Wei: Poster Tue, Workshop Fri

Chakrabarti, Deepayan: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu

Chakraborty, Rudrasis: Poster Tue **Chakravarti, Mohnish**: Demonstration Wed in Wed Demonstrations

Chalus, François: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

CHAN, Laiwan: Poster Thu
Chan, Jeffrey: Spotlight Tue in Tue
Track 1 -- Session 2, Poster Tue

Chang, Simyung: Poster Wed

Chang, Jianlong: Poster Tue **Chang, Shih-Fu**: Poster Tue

Chang, Edward: Poster Wed **Chang, Yi-Hsiang**: Poster Wed

Chang, Sung-En: Poster Wed

Chang, Shiyu: Poster Wed **Charles, Zachary**: Poster Wed

Charlin, Laurent: Poster Thu **Chater, Nick**: Poster Thu

Chatterjee, Ankush: Demonstration Tue in Tue Demonstrations

Chattoraj, Ankani: Oral Tue in Tue Track 1 -- Session 2, Poster Tue

Chau, Lap-Pui: Poster Tue

Chaudhari, Dipak: Poster Tue Chaudhuri, Swarat: Poster Tue Chaudhuri, Kamalika: Workshop Fri in None Che, Tong: Poster Wed

Chechik, Gal: Poster Thu Chelba, Ciprian: Poster Tue Chellappa, Rama: Poster Thu

Chemmengath, Saneem Ahmed: Poster Thu

Chen, Yiran: Poster Thu

Chen, Jinghui: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu

Chen, Shaozhe: Poster Tue **Chen, Yi**: Poster Thu

Chen, Jiacheng: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Chen, Tianqi: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Chen, Tian Qi: Oral Tue in Tue Track 2 -- Session 2, Poster Tue, Oral Wed in Wed Track 2 -- Session 2, Poster Wed

Chen, Kenny: Workshop Sat in None

Chen, Wei: Poster Thu
Chen, Kun: Poster Thu
Chen, Wei: Poster Wed
Chen, Bo: Poster Thu
Chen, Lingjiao: Poster Wed

Chen, Yixin: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Chen, Zhitang: Poster Thu

Chen, Bryant: Demonstration Tue in Tue Demonstrations

Chen, Peter: Poster Tue Chen, Yunpeng: Poster Tue Chen, Tao: Poster Wed

Chen, Li: Poster Tue Chen, Laming: Poster Wed

Chen, Minshuo: Poster Thu
Chen, Zhibo: Poster Tue

Chen, Liyu: Spotlight Wed in Wed

Track 3 -- Session 1, Poster Wed

Chen, Jitong: Spotlight Tue in Tue

Chen, Jitong: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Chen, Hongzhi: Poster Tue **Chen, Jiecao**: Poster Wed, Poster

Chen, Irene: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Chen, Xinyun: Poster Tue Chen, Jianfei: Poster Wed Chen, Qifeng: Poster Thu

Chen, Yuhua: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Chen, Chia-Yu: Poster Tue
Chen, Patrick: Poster Tue
Chen, Xinyi: Poster Thu
Chen, Yuxin: Poster Thu
Chen, Tianyi: Spotlight Thu in Thu

Chen, Tianyi: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Chen, Yurong: Poster Thu, Workshop Fri in None

Chen, Liqun: Poster Wed

Chen, Xiaohan: Spotlight Tue in Tue Track 3 -- Session 1, Poster Tue, Poster Thu

Chen, Jianshu: Poster Wed **Chen, Sheng**: Poster Wed

Chen, Xiangli: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Chen, Jiahao: Workshop Fri in None **Chen, Liang-Chieh**: Poster Tue

Chen, Enhong: Poster Thu

Chen, Xi: Poster Wed

Chen, zhifeng: Poster Tue

Chen, Irene: Workshop Sat in None Chen, Pin-Yu: Poster Tue, Poster Wed

Chen, Lixing: Poster Thu

Chen, Xiaowei: Poster Thu

Chen, Jie: Poster Tue

Chen, Binghui: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Chen, Yubei: Poster Thu Chen, Baoquan: Poster Tue Cheng, Guang: Poster Wed

Cheng, Yang: Poster Tue

Cheng, Ching-An: Poster Wed

Cheng, Shichao: Poster Tue **Cheng, James**: Poster Tue

Cheng, Yu: Poster Wed

Cheng, Minhao: Poster Thu Cheng, Ming-Ming: Poster Tue

Cheng, Yu: Poster Tue

Cheng, Ricson: Poster Tue

Cheng, Youlong: Poster Tue **Chennuru Vankadara, Leena**:

Poster Thu

Cherian, Anoop: Workshop Fri in None

Cheung, Brian: Poster Tue

Cheung, Yun Kuen: Poster Wed

Chien, I: Poster Thu

Chierichetti, Flavio: Poster Thu

chin, peter: Poster Tue

Chinnakotla, Manoj: Demonstration Tue in Tue Demonstrations

Chiu, Justin: Poster Tue

Chivers, Corey: Workshop Sat in

Chizat, Lénaïc: Poster Tue Chklovskii, Dmitri: Poster Thu Chmiela, Stefan: Workshop Sat in

None

Cho, Kyunghyun: Poster Thu, Work-

shop Sat in None

Cho, Donghyeon: Poster Tue

Choi, Edward: Poster Tue
Choi, Sungjoon: Poster Wed
Choi, Han-Lim: Poster Thu
Choi, Jaeseok: Poster Wed

Choi, Jaeseok: Poster Wed Choi, Jungwook: Poster Tue

Choi, Iksoo: Poster Tue

Chong, Hon Weng: Demonstration Wed in Wed Demonstrations

Choromanski, Krzysztof: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Choudhury, Sanjiban: Workshop Fri in None

Chouinard-Beaupré, Julien: Demonstration Wed in Wed Demonstrations

Chouldechova, Alexandra: Poster Tue

Chow, Yinlam: Poster Wed **Chowdhary, Girish**: Workshop Fri

in None

Chrzanowski, Mike: Poster Tue

Chua, Kurtland: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Chun, Se Young: Poster Tue

Chung, Yu-An: Spotlight Tue in Tue Track 2 -- Session 1, Poster Tue

Chéron, Guilhem: Poster Tue **Ciccone, Marco**: Poster Tue

Ciliberto, Carlo: Poster Tue, Poster Wed, Poster Thu

Cimpoi, Mircea: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Cirik, Volkan: Poster Tue Claassen, Tom: Poster Thu Clune, Jeff: Poster Wed

Clémençon, Stephan: Poster Wed Cobos, Erick: Poster Tue

Cohen, William: Poster Tue, Poster Thu

Cohen, Joseph Paul: Workshop Sat in None

Cohen, Taco: Poster Tue

Cohen-Addad, Vincent: Poster Thu Collins, Maxwell: Poster Tue Collins, Leslie: Poster Wed Colombo, Nicolò: Poster Thu

Conti, Edoardo: Poster Wed

Cord, Matthieu: Poster Tue
Cordonnier, Jean-Baptiste: Poster

Cortes, Corinna: Poster Thu Cosker, Darren: Poster Tue Costeira, Joao: Poster Tue

Wed

Coston, Amanda: Workshop Sat in

Cotter, Andrew: Poster Wed

Courville, Aaron: Poster Tue, Poster Wed, Workshop Fri in None

Crammer, Koby: Poster Thu **Crandall, David**: Poster Thu

Crankshaw, Daniel: Workshop Fri in None

Critch, Andrew: Poster Wed Crowley, Elliot: Poster Tue

Crowley, Mark: Workshop Sat in None

Cubuk, Ekin Dogus: Spotlight Thu

in Thu Track 1 -- Session 1, Poster Thu

Cui, Tiangang: Poster Thu
Cui, Xiaodong: Poster Tue
Cui, Feng: Spotlight Wed in Wed
Track 2 -- Session 2, Poster Wed

Cui, Shuguang: Poster Thu
Cui, Hao: Poster Wed

Cullina, Daniel: Poster Wed
Culurciello, Eugenio: Poster Tue

Cummings, Rachel: Poster Wed
Curtin, Ryan: Workshop Sat in None

Cutkosky, Ashok: Poster Wed **Cuturi, Marco**: Poster Tue, Poster

Thu

Cvitkovic, Milan: Poster Tue **Czapp, Błażej:** Demonstration Wed in Wed Demonstrations

Côté, Marc-Alexandre: Demonstration Tue in Tue Demonstrations, Workshop Sat in None

Côté, Myriam: Workshop Sat in

None

d'Alché-Buc, Florence: Poster Thu **Dai, Hanjun**: Poster Wed, Poster Thu, Spotlight Thu in Thu Track 2 -- Session 2

Dai, Longquan: Poster Tue **Dai, Bo**: Poster Tue, Poster Wed,

Poster Thu

Dai, Shuyang: Poster Wed Dai, Xinyan: Poster Tue Dai, Bo: Poster Wed

Dalal, Murtaza: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Dalal, Gal: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Dalca, Adrian: Poster Thu, Workshop Sat in None

Damani, Sonam: Demonstration Tue in Tue Demonstrations

Dambre, Joni: Poster Thu

Damoulas, Theodoros: Poster Tue

Dan, Chen: Poster Thu **Daniel, Luca**: Poster Wed

Dann, Christoph: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Dao, Tri: Poster Tue
Darrell, Trevor: Poster Tue
Das, Payel: Poster Tue

Dasgupta, Sanjoy: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Dasgupta, Sanjoy: Poster Wed **Dasgupta, Anirban**: Poster Thu

Dash, Sanjeeb: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu

Daskalakis, Constantinos: Poster Wed, Poster Thu

Datta, Samyak: Workshop Fri in

Datta, Anupam: Poster Tue **Datta, Sandeep**: Poster Tue **Daumé III, Hal**: Workshop Sat in

None Davidson, Ian: Poster Tue davies, Mike: Poster Wed Davis, Larry: Poster Tue Dawson, geraldine: Poster Tue Dayan, Peter: Oral Thu in Thu Track 1 -- Session 1, Poster Thu De, Abir: Poster Wed de Avila Belbute-Peres, Filipe: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed De Brabanter, Kris: Poster Thu de Bruiijne, Marleen: Workshop Sat in None **De Fauw, Jeffrey**: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed de Freitas, Nando: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed de Haan, Hendrick: Poster Tue De Raedt, Luc: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu de Vries, Harm: Workshop Fri in None De-Arteaga, Maria: Workshop Sat in None Dean, Sarah: Poster Wed Decker, James: Poster Wed Defossez, Alexandre: Poster Tue Degrave, Jonas: Poster Thu Deisenroth, Marc: Poster Wed, Poster Thu Dekel, Ofer: Poster Thu **DEKHTIAR, Jonathan:** Demonstration Tue in Tue Demonstrations Deleforge, Antoine: Poster Wed Delyon, Bernard: Poster Wed Dembczynski, Krzysztof: Poster Demeester, Thomas: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Denevi, Giulia: Poster Thu Deng, Zhiwei: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue **Deng, Weihong**: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Deng, Lei: Poster Tue Deng, Lei: Poster Tue Deng, Cheng: Poster Wed Deng, Yuntian: Poster Tue Dennis, Don: Poster Tue Deny, Stephane: Poster Wed Derezinski, Michal: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed Desai, Nishant: Poster Wed Deshpande, Yash: Spotlight Wed in

Wed Track 3 -- Session 2, Poster Wed

Detommaso, Gianluca: Poster Thu

Deudon, Michel: Poster Thu

Dezfouli, Amir: Oral Thu in Thu

Track 1 -- Session 1, Poster Thu

Dev. Akansha: Poster Wed

Dhamija, Akshay Raj: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Dhariwal, Prafulla: Poster Tue Dhingra, Bhuwan: Poster Tue **Dhouib, Sofiane**: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed Dhurandhar, Amit: Poster Tue, Poster Wed Di, Xinhan: Poster Tue Dia, Ousmane: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue Diakonikolas, Ilias: Spotlight Wed in Wed Track 3 -- Session 1, Poster Dibangoye, Jilles: Poster Wed DiCarlo, James: Poster Tue Dick, Travis: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Dieleman, Sander: Poster Tue Dieleman, Sander: Workshop Sat in None Dikkala, Nishanth: Poster Wed Dimakis, Alexandros: Poster Thu Dimakopoulou, Maria: Poster Wed Ding, Gavin Weiguang: Poster Wed Ding, Lizhong: Poster Thu Ding, Yao-Xiang: Poster Thu Ding, Mingyu: Poster Thu Ding, Errui: Poster Tue Dinitz, Michael: Poster Thu Diochnos, Dimitrios: Poster Wed Djolonga, Josip: Poster Thu Do, Trong Dinh Thac: Poster Tue Doerr, Andreas: Poster Thu Dolan, Bill: Poster Tue Domingos, Pedro: Poster Thu Dominici, Francesca: Poster Thu Domke, Justin: Poster Wed, Spotlight Wed in Wed Track 2 -- Session 2, Poster Thu Dong, Xuan: Poster Tue Dong, Haoye: Poster Tue, Poster Dong, Kun: Poster Thu Dong, Yinpeng: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Dong, Chaosheng: Poster Thu Dong, Shi: Poster Thu Donini, Michele: Poster Tue **Donoho, David**: Poster Tue Doretto, Gianfranco: Poster Tue Dorogush, Anna Veronika: Poster

Doshi, Prashant: Poster Thu

sion 1. Poster Thu

Doshi-Velez, Finale: Poster Wed,

Spotlight Thu in Thu Track 1 -- Ses-

Dosovitskiy, Alexey: Poster Tue

Doucet, Arnaud: Poster Wed

Downey, Carlton: Poster Thu

Dragan, Anca: Poster Tue, Workshop

Sat in None Draief, Moez: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu **Dresdner, Gideon**: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Drissi, Youssef: Demonstration Wed in Wed Demonstrations Drton, Mathias: Poster Thu Drumond, Mario: Poster Tue Du, Yilun: Poster Wed Du, Qiang: Poster Thu Du, Nan: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Du, Chao: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Du, Lan: Poster Wed Du, Ding-Zhu: Poster Wed Du, Simon: Poster Wed, Poster Thu Du, Yishuai: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Duan, Xuguang: Poster Wed Duan, Nan: Poster Tue Duan, Yan: Poster Tue Duarte, Kevin: Poster Tue Dubey, Abhimanyu: Poster Thu Dubey, Kumar Avinava: Poster Wed **Dubois, David: Demonstration Wed** in Wed Demonstrations Duchi, John: Poster Tue, Poster Wed, Oral Wed in Wed Track 3 -- Session 2 Duenez-Guzman, Edgar: Poster Dueñez-Guzman, Edgar: Poster Dugan, Casey: Demonstration Tue in Tue Demonstrations, Demonstration Wed in Wed Demonstrations Dumancic, Sebastijan: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Dumitras, Tudor: Poster Wed Dumitrascu, Bianca: Poster Thu Duncker, Lea: Poster Wed Dunning, lain: Poster Wed Dunson, David: Tutorial Mon in **Tutorials Session 1 Dupont, Emilien**: Poster Thu Dupoux, Emmanuel: Workshop Fri in None Dupré la Tour, Tom: Poster Thu Durand, Audrey: Poster Wed Durmus, Alain: Poster Thu **Dutordoir, Vincent: Poster Thu Duvenaud, David:** Oral Tue in Tue Track 2 -- Session 2, Poster Tue, Oral Wed in Wed Track 2 -- Session 2, Poster Wed Dvinskikh, Darina: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu **Dvurechenskii, Pavel**: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Dwivedi, Raaz: Poster Thu

Dziugaite, Gintare Karolina: Poster Dünner, Celestine: Poster Tue **E, Weinan**: Poster Tue, Poster Wed Eaton, Eric: Poster Thu Ebrahimi Kahou, Samira: Poster Eccles, Tom: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Ecker, Alexander: Poster Tue Edraki, Marzieh: Poster Tue Efroni, Yonathan: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Ek. Carl Henrik: Poster Thu Eken, Mustafa Onur: Poster Tue El-Gaaly, Tarek: Poster Tue El-Yaniv, Ran: Poster Tue Elgammal, Ahmed: Poster Tue Elibol, Melih: Poster Wed Elliot, Mark: Poster Tue Elliott, Luba: Workshop Sat in None Ellis, Kevin: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Elsayed, Gamaleldin: Poster Tue, Poster Thu Engel, Jesse: Workshop Sat in None Engelhardt, Barbara: Poster Thu Engert, Florian: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Erdogdu, Murat: Poster Wed Eriksson, David: Poster Thu Ermon, Stefano: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2, Poster Wed, Poster Thu, Workshop Sat in None Escalera, Sergio: Workshop Fri in , Workshop Sat in , Workshop Sat in Eskenazi, Maxine: Workshop Fri in Eslami, S. M. Ali: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Essertel, Gregory: Poster Wed Evangelopoulos, Georgios: Poster Tue Evans, David: Poster Tue Evans, Trefor: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Evron, Itay: Poster Thu Faccio, Daniele: Poster Tue Faccio, Francesco: Oral Wed in Wed Track 1 -- Session 2, Poster Wed Fahev, Paul: Poster Tue Faisal, Aldo: Poster Wed Falsafi, Babak: Poster Tue Fan, Lixin: Workshop Fri in None Fan, Xuhui: Poster Thu Fan, Yang: Poster Thu Fan, Xin: Poster Tue Fan, Yingying: Poster Tue Fan, Yuchen: Poster Tue Fan, Changjie: Poster Wed Dyer, Chris: Poster Tue, Poster Wed

Fang, Cong: Spotlight Wed in Wed Flammarion, Nicolas: Poster Thu Track 3 -- Session 2, Poster Wed Flaxman, Seth: Poster Wed Fansi Tchango, Arsene: Workshop Flennerhag, Sebastian: Poster Tue Sat in None Fletcher, Alyson: Poster Wed Fanti, Giulia: Poster Tue Fleuret, François: Poster Tue Farahi, Arya: Workshop Sat in None Foerster, Jakob: Workshop Sat in Farahmand, Amir-massoud: Poster Forde, Jessica: Demonstration Tue Farina, Gabriele: Poster Tue, Spotin Tue Demonstrations light Wed in Wed Track 1 -- Session 1, Foster, Dylan: Poster Wed, Poster Poster Wed Farnia, Farzan: Poster Tue Foti, Nick: Workshop Fri in None Fathony, Rizal: Poster Thu Fouhey, David: Oral Wed in Wed Faulkner, Ryan: Poster Tue Track 2 -- Session 1, Poster Wed Fawzi, Omar: Poster Wed Fox, Roy: Workshop Sat in None Fawzi, Alhussein: Poster Wed Fox, Emily: Poster Thu Fawzi, Hamza: Poster Wed Fragkiadaki, Katerina: Poster Tue Fearnhead, Paul: Poster Thu Francini, Gianluca: Poster Wed Fehr, Mathieu: Poster Wed Frank, Eric: Poster Tue Fei-Fei, Li: Poster Tue, Poster Wed Frecon, Jordan: Spotlight Thu in Feizi, Soheil: Poster Wed Thu Track 1 -- Session 2, Poster Thu Feldman, Moran: Spotlight Thu in Fredrikson, Matt: Poster Tue, Work-Thu Track 3 -- Session 1, Poster Thu shop Fri in None Feldman, Vitaly: Spotlight Wed in Freeman, Bill: Poster Tue, Poster Wed Track 3 -- Session 1, Poster Wed Wed, Poster Thu, Oral Thu in Thu Track 2 -- Session 2 Felten, Edward: Invited Talk Tue in Freksen, Casper: Spotlight Thu in Tue Invited Talk 1, Workshop Fri in Thu Track 1 -- Session 2, Poster Thu Feng, Karen: Poster Thu Frellsen, Jes: Poster Tue Feng, Jiashi: Poster Tue, Poster Thu Fried, Daniel: Poster Tue Friedman, Tal: Oral Wed in Wed Feng, Zunlei: Poster Thu Track 2 -- Session 2, Poster Wed Feng, Ji: Poster Thu Fries, Jason: Workshop Sat in None Feris, Rogerio: Poster Tue, Spotlight Wed in Wed Track 2 -- Session 1, Friesen, Abram: Poster Thu Poster Wed Fritz, Mario: Poster Tue Ferland, François: Demonstration Fromm, Joshua: Poster Tue Wed in Wed Demonstrations Frongillo, Rafael: Spotlight Tue in Ferrari, Claudio: Poster Wed Tue Track 3 -- Session 2, Poster Tue, Fetaya, Ethan: Poster Tue Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed Fey, Matthias: Poster Thu Froudarakis, Emmanouil: Poster Fiandrotti, Attilio: Poster Wed Fichtenberger, Hendrik: Poster Fruit, Ronan: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed Fidler, Sanja: Poster Wed Fu. Yanwei: Poster Tue Fiebrink, Rebecca: Workshop Sat Fu, Tsu-Jui: Poster Wed in None FU, YIFANG: Spotlight Tue in Tue Figueiredo, Flavio: Poster Thu Track 2 -- Session 2, Poster Tue Figurnov, Mikhail: Spotlight Thu in Fu, Di: Poster Tue Thu Track 2 -- Session 1, Poster Thu Fu, Justin: Poster Wed Filippone, Maurizio: Poster Wed Fua, Pascal: Poster Tue Finlayson, Samuel: Workshop Sat Fujii, Kaito: Spotlight Thu in Thu in None Track 3 -- Session 1, Poster Thu Finn, Chelsea: Poster Thu Fujii, Kevin: Poster Thu Finocchiaro, Jessica: Spotlight Wed in Wed Track 3 -- Session 1, Poster Fujii, Keisuke: Poster Thu Wed Fujimoto, Scott: Poster Tue

Gabriel, Franck: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue Gabriel, Cody: Poster Tue Gabrié, Marylou: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Gai, Yu: Poster Thu Gaillard, Pierre: Poster Thu Gal, Yarin: Poster Thu Gal, Yarin: Workshop Fri in None Gal, Viktor: Workshop Sat in None Gales, Mark: Poster Tue Gallenberger, Daniel: Demonstration Wed in Wed Demonstrations Galley, Michel: Poster Tue Gallieri, Marco: Poster Tue Gallo, Nicholas: Poster Thu Galstyan, Aram: Poster Thu Gamarnik, David: Poster Wed Gan. Zhe: Poster Tue. Poster Wed Gan, Chuang: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue, Poster Wed Gan, Shaoduo: Poster Thu Gandhi, Dhiraj Prakashchand: Poster Tue Ganea, Octavian: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu in None Ganguli, Surya: Poster Tue, Poster Wed Gant, Dan: Poster Wed Gao, Jing: Poster Thu Gao, Hongyang: Poster Tue Gao, Weihao: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed Gao, Hang: Poster Tue Gao. Wei: Poster Wed GAO, RUI: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Gao, Shuvang: Poster Thu Gao, Tian: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Gao, Jianfeng: Poster Tue, Poster in None Gao, Yuanxiang: Poster Tue Gao, Zilin: Poster Tue Wed Garcia, Dario: Workshop Fri in None Garcia, Alexandre: Poster Thu García Castañeda, Antonio: Poster Gardner, Jacob: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Garg, Vikas: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Tue Poster Thu Garg, Sankalp: Poster Wed Garg, Shivam: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Garipov, Timur: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue Garivier, Aurélien: Poster Thu

Garnett, Roman: Poster Thu, Spot-

light Thu in Thu Track 1 -- Session 2

Garreau, Damien: Poster Thu Gasanov, Elnur: Poster Thu Gascon, Adria: Workshop Sat in Gasic, Milica: Workshop Fri in None Gasnikov, Alexander: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Gasthaus, Jan: Poster Thu Gatti, Nicola: Poster Tue, Poster Wed Gaunt, Alexander: Poster Thu **Ge, Rong**: Poster Wed, Spotlight Wed in Wed Track 3 -- Session 2 Ge, Yixiao: Poster Tue Geffner, Tomas: Poster Thu Gehr, Timon: Poster Tue Gehring, Jonas: Poster Wed Geiger, Mario: Poster Tue Geirhos, Robert: Poster Thu Gelly, Sylvain: Poster Tue, Poster Geng, Jinkun: Poster Tue Geng, Yanhui: Poster Thu Genkin, Alexander: Poster Thu Gentile, Claudio: Poster Thu George, Thomas: Poster Tue Geramifard, Alborz: Workshop Fri Gershman, Samuel: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu Gerwinn, Sebastian: Poster Thu Gesmundo, Andrea: Poster Thu Geyer, Werner: Demonstration Wed in Wed Demonstrations Geyer, Werner: Demonstration Tue in Tue Demonstrations Ghadimi, Saeed: Poster Wed Ghahramani, Zoubin: Poster Wed, Workshop Fri in None **Ghalebi, Elahe**: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Ghassami, AmirEmad: Poster Thu Ghassemi, Marzyeh: Workshop Sat Ghavamzadeh, Mohammad: Poster Ghiasi, Golnaz: Poster Wed Gholami, Amir: Poster Tue Ghoreishi, Seyede Fatemeh: Poster Ghosh, Satra: Poster Wed Ghosh, Dibya: Poster Wed Ghoshdastidar, Debarghya: Poster Giannakis, Georgios: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Gibbons, Phillip: Poster Wed Gidel, Gauthier: Workshop Fri in Giesen, Joachim: Poster Wed Gilbert, Anna: Poster Thu

Gillen, Stephen: Poster Wed

Gillenwater, Jennifer: Poster Wed

Fischer, lan: Spotlight Wed in Wed

Fiterau, Madalina: Workshop Sat

Track 2 -- Session 2, Poster Wed

Fischer, Volker: Poster Wed

Flaherty, Patrick: Poster Thu

Fujiwara, Yasuhiro: Poster Tue

Fukumizu, Kenji: Poster Wed

Fukunaga, Takuro: Poster Thu

Fusi, Nicolo: Poster Wed, Poster Thu

Gaboardi, Marco: Poster Tue, Poster

Gilmer, Justin: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Gimelfarb, Michael: Poster Wed Gimpel, Kevin: Poster Thu Giryes, Raja: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Glass, James: Spotlight Tue in Tue Track 2 -- Session 1, Poster Tue, Workshop Fri in None Globerson, Amir: Poster Thu Glocker, Ben: Workshop Sat in None Glvnn, Peter: Poster Wed Gmytrasiewicz, Piotr: Poster Wed Goddard, Valentine: Workshop Sat Goel, Karan: Demonstration Wed in Wed Demonstrations Goel, Vikash: Poster Wed Goetz, Jack: Poster Thu Golan, Itay: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Golan, Izhak: Poster Tue Golbabaee, Mohammad: Poster Goldie, Anna: Workshop Sat in Goldstein, Tom: Poster Tue, Poster Golinski, Adam: Poster Thu Gomes, Carla: Poster Thu Gomez, Faustino: Poster Tue Gomez, Laura: Invited Talk Mon in Gomez Rodriguez, Manuel: Poster Tue, Poster Wed Gona, Minamina: Poster Tue Gong, Boqing: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed Gong, Shaogang: Poster Tue Gong, Chengyue: Poster Tue Gong, Ke: Poster Tue Gonzalez, Joseph: Workshop Fri in None Gonzalez-Garcia, Abel: Poster Thu Goodfellow, Ian: Poster Tue, Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed, Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu Goodman, Noah: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2 Gopakumar, Shivapratap: Poster Gopalakrishnan, Kailash: Poster Gopalan, Parikshit: Poster Thu Gorbunov, Eduard: Poster Thu Gordon, Geoffrey: Poster Tue, Poster Wed, Poster Thu

Gorelik, Daniel: Poster Tue

Gormley, Matthew: Poster Thu

Gottesman, Omer: Poster Wed

Gottschlich, Justin: Spotlight Tue in

Gottlieb, Lee-Ad: Poster Thu

Tue Track 1 -- Session 2, Poster Tue Gould, Stephen: Poster Tue Gourry, Antoine: Poster Tue Gower, Robert: Poster Wed Graber, Colin: Poster Thu Graepel, Thore: Poster Tue, Poster Gramfort, Alexandre: Poster Thu Granger, Eric: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Grant, Erin: Workshop Sat in Graves, Alex: Tutorial Mon in Tutorials Session 2 Graves, Eric: Poster Wed Gray, Gavin: Poster Tue Green Larsen, Kasper: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Greenberg, Craig: Poster Thu Gregor, Karol: Poster Wed Gretton, Arthur: Poster Tue, Poster Greydanus, Samuel: Workshop Sat Gribonyal, Remi: Poster Wed Grill, Jean-Bastien: Poster Thu Grimes, Matt: Poster Wed Grosse, Roger: Poster Tue, Oral Wed in Wed Track 2 -- Session 2, Poster Grosu, Radu: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Grover, Aditya: Poster Thu, Workshop Sat in None Gu, Fanglin: Poster Tue Gu, Quanquan: Poster Tue, Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed, Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Gu, Jie: Poster Tue Gu, Albert: Poster Tue Gu, Bin: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue Gu, Jinwei: Poster Tue Gu, Shixiang (Shane): Poster Tue Gu, Weiqing: Poster Tue Gu, Jiayuan: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Gualandi, Stefano: Poster Thu Guan, Jiechao: Poster Thu Guan, Melody: Poster Tue Gueguen, Lionel: Poster Tue Guestrin, Carlos: Poster Tue, Spotlight Tue in Tue Track 1 -- Session 2 Guha Thakurta, Abhradeep: Oral Tue in Tue Track 3 -- Session 2, Poster Guibas, Leonidas: Poster Thu Gulin, Andrey: Poster Thu Gummadi, Krishna: Poster Wed

Gunasekar, Suriya: Poster Wed,

Poster Thu

Gunluk, Oktay: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Guo, Yong: Poster Thu Guo. Dalin: Poster Thu Guo, Xiaoxiao: Poster Tue Guo, Yuqing: Poster Wed Guo, Jichang: Poster Tue Guo, Xiangyu: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Guo, Dava: Poster Tue Guo, Demi: Poster Tue Guo, Wenbo: Poster Tue Guo, Dandan: Poster Thu Guo, Yiwen: Poster Tue, Poster Thu Gupta, Khyatti: Demonstration Tue in Tue Demonstrations Gupta, Abhishek: Workshop Sat in Gupta, Ankush: Poster Tue Gupta, Saurabh: Oral Wed in Wed Track 2 -- Session 1, Poster Wed Gupta, Abhishek: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Gupta, Maya: Poster Tue, Poster Gupta, Sunil: Poster Thu Gupta, Abhinav: Poster Tue, Poster Gupta, Umang: Demonstration Tue in Tue Demonstrations Gupta, Neha: Poster Thu Gupta, Otkrist: Poster Thu Gupta, Swati: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Gupta, Chirag: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Gur, Yonatan: Poster Thu Gurwicz, Yaniv: Poster Thu Gusev, Gleb: Poster Thu Guu. Kelvin: Oral Tue in Tue Track 2 -- Session 1, Poster Tue Guy, Aurelia: Poster Wed Guyon, Isabelle: Workshop Sat in None Günther, Manuel: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Güçlü, Umut: Poster Thu Güçlütürk, Yağmur: Poster Thu Ha, Jung-Su: Poster Thu Ha, David: Oral Wed in Wed Track 1 -- Session 2, Poster Wed Haake, Anne: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Haarnoja, Tuomas: Workshop Sat Haber, Nick: Poster Tue, Poster Wed Haddadan, Shahrzad: Poster Thu Hadjeres, Gaëtan: Demonstration Tue in Tue Demonstrations Hadsell, Raia: Poster Wed Haefner, Ralf: Oral Tue in Tue Track 1 -- Session 2, Poster Tue

Hakkani-Tur, Dilek: Workshop Fri Halloran, John: Poster Tue Hamilton, Will: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2 Hamrick, Jessica: Workshop Fri in Han, Jiegun: Poster Tue Han, Yanlin: Poster Wed Han, Kuan: Poster Tue Han, Lei: Poster Tue Han, Yanjun: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed Han, Yinhe: Poster Tue Han, Bo: Poster Tue Han, Insu: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Han, Kai: Poster Tue Han, Bohyung: Poster Tue Hand, Paul: Oral Tue in Tue Track 3 --Session 1, Poster Tue, Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed, Poster Thu Hanin, Boris: Poster Tue, Poster Wed Hanna, Sumita: Poster Thu Hannah, Robert: Poster Wed Hansen, Steven: Poster Wed Hanzely, Filip: Poster Wed Hao, Zhifeng: Poster Wed HAO, Yi: Poster Wed Hao, Jianye: Poster Wed Harary, Sivan: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Harchaoui, Zaid: Poster Thu Hardt, Moritz: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Harer, Jacob: Poster Tue Haris, Asad: Poster Thu Haroush, Matan: Poster Wed Harris, David: Poster Tue Harvey, Nick: Oral Wed in Wed Track 3 -- Session 1, Poster Wed Hashemi, Milad: Workshop Sat in Hashimoto, Yuka: Poster Thu Hashimoto, Tatsunori: Oral Tue in Tue Track 2 -- Session 1, Poster Tue Hassibi, Babak: Poster Thu Hassidim, Avinatan: Poster Wed Hatano, Daisuke: Poster Thu Haug, Luis: Poster Wed Havasi, Marton: Poster Thu Havens, Aaron: Poster Wed Hawkins, Peter: Poster Tue Hayes, Jamie: Poster Tue Hays, James: Poster Thu Hazan, Elad: Oral Tue in Tue Track 3 -- Session 1, Poster Tue, Poster Thu

Hafner, Danijar: Oral Thu in Thu

Hajiramezanali, Ehsan: Poster Tue

Track 1 -- Session 2, Poster Thu

He, Kun: Spotlight Thu in Thu Track 2 Holtzen, Steven: Workshop Sat in -- Session 2, Poster Thu He, Ran: Poster Tue Honari, Sina: Poster Wed He, Kaiming: Poster Tue Hong, Mingsheng: Poster Tue He, Xiaoxi: Poster Tue Hong, Seunghoon: Poster Tue He, Di: Poster Tue Hong, Zhang-Wei: Poster Wed He, Niao: Poster Tue, Poster Wed Hong, Pengyu: Poster Thu He, Shengfeng: Poster Tue Hong, Mingyi: Poster Wed He, Tianyu: Poster Tue Hongler, Clement: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue He. Lie: Poster Wed Honkela, Antti: Workshop Sat in He, Lifang: Poster Thu None He, Xiaofei: Poster Tue Honorio, Jean: Poster Wed, Poster He, Yuxiong: Poster Tue Thu Head, Tim: Demonstration Tue in Hopcroft, John: Spotlight Thu in Tue Demonstrations Thu Track 2 -- Session 2, Poster Thu Hechtman, Blake: Poster Tue HORI, Chiori: Workshop Fri in None Heck, Larry: Workshop Fri in None Hoshen, Yedid: Poster Thu Heidari, Hoda: Poster Wed Hoskins, Jeremy: Poster Wed Heinze-Deml, Christina: Workshop Hou, Qibin: Poster Tue Fri in None Houlsby, Neil: Poster Thu Helouis, Aurelie: Workshop Sat in Houthooft, Rein: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2, Helske, Jouni: Spotlight Thu in Thu Workshop Fri in None Track 2 -- Session 1, Poster Thu Howard, Ayanna: Invited Talk Wed Henaff, Gilles: Poster Tue in Wed Invited Talk 2 Hendrycks, Dan: Poster Thu Hsieh, Jun-Ting: Poster Wed Hennequin, Guillaume: Poster Tue Hsieh, Fushing: Poster Thu Hensman, James: Poster Wed, Hsieh, Ya-Ping: Spotlight Thu in Thu Poster Thu Track 2 -- Session 1, Poster Thu Heo, Yu-Jung: Spotlight Tue in Tue Hsieh, Cho-Jui: Poster Tue, Poster Track 1 -- Session 2, Poster Tue Wed, Poster Thu Heo, Jay: Poster Wed Hsu, David: Workshop Sat in None Herbrich, Ralf: Workshop Fri in, Hsu, Wei-Shou: Poster Thu Workshop Sat in Hsu, Tzu Mina: Poster Tue Herlands, William: Workshop Sat Hsu, Daniel: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed, Hermann, Karl Moritz: Poster Wed Hernández-Lobato, José Miguel: Hu, Wei: Poster Wed, Poster Thu Poster Thu, Workshop Fri in None, Hu, Zhiting: Poster Tue, Poster Wed, Workshop Sat in None Poster Thu Herranz, Luis: Poster Tue Hu, Shoubo: Poster Thu Herzig, Roei: Poster Thu Hu, Lunjia: Spotlight Thu in Thu Higgins, Irina: Spotlight Wed in Wed Track 2 -- Session 2, Poster Thu Track 1 -- Session 2, Poster Wed Hu, Hexiang: Spotlight Wed in Wed Hill, Felix: Poster Wed Track 3 -- Session 1, Poster Wed Hinne, Max: Poster Thu Hu, Jie: Poster Wed Hinton, Geoffrey: Poster Thu HU, YU: Poster Tue Ho, Mark: Poster Wed Hu, Yibo: Poster Tue Hoefler, Torsten: Poster Tue Hu, Weihua: Poster Tue Hoefler, Torsten: Poster Thu Hu, Zehong: Poster Wed Hoffer, Elad: Poster Tue, Spotlight Hu, Zhiqiang: Spotlight Thu in Thu Thu in Thu Track 2 -- Session 2, Track 2 -- Session 2, Poster Thu Poster Thu Hu, Ronghang: Poster Tue Hoffman, Judy: Poster Wed Huai, Mengdi: Poster Thu Hoffman, Matthew D.: Poster Thu **Huang, Ruitong**: Poster Wed Hoffman, Matthew: Poster Wed Huang, Jessie: Poster Wed Hofmann, Thomas: Poster Thu, Huang, Wenbing: Poster Tue, Poster Spotlight Thu in Thu Track 2 -- Ses-

Huang, Po-Sen: Poster Wed

Huang, Biwei: Poster Thu

Huang, Possu: Poster Tue

Jaakkola, Tommi: Poster Tue Huang, Huaibo: Poster Tue Jacot-Guillarmod, Arthur: Spot-Huang, Yan: Poster Thu light Tue in Tue Track 2 -- Session 2, Huang, Qiuyuan: Poster Tue Poster Tue Huang, Weiran: Poster Thu Jadbabaie, Ali: Spotlight Wed in Huang, Chin-Wei: Poster Wed Wed Track 3 -- Session 2, Poster Wed, Huang, Thomas: Poster Tue Huang, Heng: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue, Poster Wed Huang, Junzhou: Poster Tue, Poster Wed, Poster Thu Huang, Zhiao: Poster Wed Huang, Siyuan: Poster Tue Huang, Longbo: Poster Thu Huang, Zhiyi: Poster Wed Huang, De-An: Poster Wed Huang, Sui: Poster Tue Huang, W. Ronny: Poster Wed Huang, Thomas: Poster Tue Hubara, Itay: Poster Tue Huggins, Jonathan: Poster Thu Hughes, Michael: Workshop Fri in None, Workshop Sat in None Hughes, Edward: Poster Wed Huh, Dongsung: Poster Wed Hui, Siu Cheung: Poster Tue Huo, Zhouyuan: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue Huszar, Ferenc: Poster Thu Huth, Alexander: Poster Thu Hutter, Frank: Tutorial Mon in Tutorials Session 3, Poster Thu, Workshop Hwang, Sung Ju: Poster Tue, Poster Hồ, nhật: Poster Thu, Workshop Sat in None Ibarz, Borja: Poster Wed Ihler, Alexander: Poster Thu Ikeda, Masahiro: Poster Thu Ilic, Slobodan: Poster Tue Ilyas, Andrew: Oral Tue in Tue Track 2 -- Session 2, Poster Tue Imani, Mahdi: Poster Wed Imani, Ehsan: Poster Wed Imwalle, Greg: Poster Tue Insafutdinov, Eldar: Poster Tue Ioannou, Nikolas: Poster Tue Iranmanesh, Seyed: Poster Tue Irving, Geoffrey: Poster Wed **Ishida, Takashi**: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Ishikawa, Isao: Poster Thu Isola, Phillip: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Isomura, Takuya: Poster Wed

Ivanov, Anton: Poster Tue

Izadi, Shahram: Poster Tue

Izmailov, Pavel: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Ito, Shinii: Poster Thu

Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Jaggi, Martin: Poster Tue, Poster Wed Jain, Lalit: Poster Thu Jain, Prateek: Poster Tue, Poster Thu, Spotlight Thu in Thu Track 1 --Session 2, Workshop Fri in None Jain, Mohit: Demonstration Wed in Wed Demonstrations Jain, Shailee: Poster Thu Jaini, Priyank: Poster Thu Jaiswal, Ayush: Poster Thu Jakab, Tomas: Poster Tue Jakobovits, Alice Shoshana: Poster JALALZAI, Hamid: Poster Wed Jameson, Antony: Poster Wed Jamieson, Kevin: Poster Thu Jana, Suman: Poster Tue Januschowski, Tim: Poster Thu Jas, Mainak: Poster Thu Jasinska, Kalina: Poster Thu Javadi, Hamid: Poster Wed Jawanpuria, Pratik Kumar: Poster Jayanti, Siddhartha: Poster Wed Jayaraman, Bargav: Poster Tue Jean, Neal: Poster Thu, Workshop Fri Jedynak, Bruno: Workshop Sat in Jegelka, Stefanie: Tutorial Mon in Tutorials Session 2, Poster Wed, Spotlight Wed in Wed Track 2 -- Session 2, Poster Thu, Spotlight Thu in Thu Track 2 -- Session 2 Jelassi, Samy: Oral Thu in Thu Track 3 -- Session 2, Poster Thu Jenatton, Rodolphe: Poster Thu **Jenkins, Paul**: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Jeon, Yunho: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu JEON, SANG RYUL: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Jeon, Wonseok: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Jetley, Saumya: Poster Tue Jewson, Jack: Poster Tue Jha, Susmit: Poster Wed Ji, Yu: Poster Tue Ji, Zhong: Poster Tue Ji, Kaiyi: Poster Wed Ji, Shuiwang: Poster Tue Jia, Bei: Poster Thu Jia, Jiaya: Poster Tue

Holdgraf, Chris: Demonstration Tue

in Tue Demonstrations

Holmes, Chris: Poster Thu

Jia, Yangqing: Workshop Fri in None Jia. Ye: Poster Tue Jian-Huang, Lai: Poster Thu Jiang, Peng: Poster Tue Jiang, Shali: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Jiang, Jiechuan: Poster Wed Jiang, PengTao: Poster Tue Jiang, Fei: Poster Thu Jiang, Yihan: Poster Wed Jiang, Zhanhong: Poster Wed Jiang, Peng: Poster Tue Jiang, ChenHan: Poster Tue Jiang, Ziheng: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Jiang, Nan: Poster Tue, Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed Jiang, He: Poster Tue Jiang, Heinrich: Poster Tue jiao, yan: Demonstration Wed in Wed Demonstrations Jiao, Jiantao: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed Jimenez, Ivan: Poster Thu Jimenez Rezende, Danilo: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Jin, Beibei: Poster Tue Jin, Sheng: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Jin, Chi: Poster Wed, Oral Wed in Wed Track 3 -- Session 2, Spotlight Wed in Wed Track 3 -- Session 2 Jin. Yingvezhe: Poster Tue Jitkrittum, Wittawat: Poster Thu Johansson, Mikael: Poster Wed, Poster Thu Johansson, Fredrik: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu Johari, Ramesh: Poster Thu John, ST: Poster Wed Johnson, Tyler: Poster Tue Johnson, Mark: Poster Tue Johnson, J: Demonstration Wed in Wed Demonstrations Johnson, Robert: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Johnson, Matthew: Poster Wed, Poster Thu Johnson, Daniel: Poster Tue Jonathan Ho, OpenAI: Spotlight Tue in Tue Track 2 -- Session 2, Poster

Jordan, Michael: Poster Tue, Poster

Wed, Oral Wed in Wed Track 3 -- Ses-

sion 2, Spotlight Wed in Wed Track 3

Joseph, Matthew: Spotlight Tue in

Tue Track 3 -- Session 2, Poster Tue

Joshi, Meghana: Demonstration

-- Session 2, Poster Thu

Joshi, Babhru: Poster Thu

Tue in Tue Demonstrations

Joshi, Narendra Nath: Demonstra-Karaman, Sertac: Poster Tue tion Wed in Wed Demonstrations Josse, Julie: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Josz, Cedric: Poster Wed, Spotlight Track 3 -- Session 1, Poster Thu Wed in Wed Track 3 -- Session 2 Jothimurugesan, Ellango: Poster Poster Wed Jun, Kwang-Sung: Poster Tue Jun, Jaehyun: Poster Tue Jung, Christopher: Poster Wed Jurafsky, Dan: Poster Tue Kabashima, Yoshiyuki: Poster Wed Kaczmarzyk, Jakub: Poster Wed Kadlec, Ben: Poster Tue Kadmon, Jonathan: Poster Wed Kaelbling, Leslie: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed, Workshop Sat in None Kailkhura, Bhavya: Poster Wed Kaiser, Markus: Poster Thu Kakade, Sham: Poster Tue, Poster Kakimura, Naonori: Poster Thu Kalai, Adam: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Kalantidis, Yannis: Poster Tue Kale, Satyen: Poster Wed, Poster Thu Kalika, Dmitry: Poster Wed Kaliszyk, Cezary: Poster Wed Kallus, Nathan: Poster Wed, Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu, Workshop Fri in None Kalra, Agastya: Poster Thu Kamath, Pritish: Poster Tue Kamma, Lior: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Kamper, Herman: Poster Wed Kanade, Varun: Poster Thu Kanagawa, Heishiro: Poster Thu Kanai, Sekitoshi: Poster Tue Kandasamy, Saravanan: Poster Thu Kandasamy, Kirthevasan: Spotlight Tue in Tue Track 3 -- Session 2, Poster Kandasamy, Madhusudanan: Poster Tue Kandemir, Melih: Poster Tue Kandola, Jaz: Workshop Sat in None Kane, Daniel M.: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed Kane, Daniel: Poster Wed Kankanhalli, Mohan: Poster Thu Kannan, Sreeram: Poster Wed Kannan, Sampath: Spotlight Wed in

Wed Track 1 -- Session 1, Poster Wed

Kaplan, Haim: Spotlight Tue in Tue

Kapushev, Yermek: Spotlight Thu

in Thu Track 1 -- Session 1, Poster Thu

Track 3 -- Session 2, Poster Tue

Kaplan, Lance: Poster Tue

Kar, Kohitij: Poster Tue

Karvonen, Toni: Poster Thu Kasai, Hiroyuki: Poster Wed Kaufman, Eran: Poster Thu Kaufmann, Emilie: Poster Thu Kautz, Jan: Poster Tue Kavis, Ali: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu kavukcuoglu, koray: Poster Wed Kawahara, Yoshinobu: Poster Thu Kawamoto, Tatsuro: Poster Wed Kawano, Keisuke: Poster Tue Kawarabayashi, Ken-Ichi: Poster Kazemi, Ehsan: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Kazemi, Hadi: Poster Tue Kazemi, Seyed Mehran: Poster Thu KC, Kishan: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Ke, Nan Rosemary: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Ke, Chuyang: Poster Wed Ke, Chenglong: Poster Thu Keane, John: Poster Tue Kearns, Michael: Poster Wed Keshet, Joseph: Poster Tue Keskin, Cem: Poster Tue Keutzer, Kurt: Poster Tue Khadka, Shauharda: Poster Wed Khalidov, Vasil: Poster Wed Khamaru, Koulik: Poster Thu Khan, Haidar: Poster Tue Khan, Mohammad Emtiyaz: Poster Khanna, Rajiv: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Khapra, Mitesh: Poster Thu Khardon, Roni: Poster Wed Khayatkhoei, Mahyar: Poster Tue Khetan, Ashish: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2 Khirirat, Sarit: Poster Thu Khoshaman, Amir: Poster Tue Kiela, Douwe: Workshop Sat in Kilbertus, Niki: Workshop Sat in Kim, Junmo: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Kim, Hyunjik: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Kim, Saehoon: Poster Tue, Poster Wed Kim, Been: Poster Tue, Spotlight

Wed in Wed Track 2 -- Session 1, Poster Wed, Spotlight Thu in Thu Karbalayghareh, Alireza: Poster Track 1 -- Session 1, Poster Thu Kim, Jinhyuk: Demonstration Tue in Karbasi, Amin: Spotlight Thu in Thu Tue Demonstrations Kim. Dahun: Poster Tue Karlinsky, Leonid: Poster Tue, Spot-Kim, Sungwoong: Spotlight Tue in light Wed in Wed Track 2 -- Session 1, Tue Track 2 -- Session 2, Poster Tue Kim, Dongho: Poster Wed Kim, Beomjoon: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Kim, Shiho: Demonstration Tue in Tue Demonstrations Kim, Seungryong: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Kim. Yoon: Poster Tue Kim, Seon Joo: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Kim, Louis: Poster Tue Kim, Jin-Hwa: Poster Tue Kim, Taesup: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue Kim, Hyeji: Poster Wed Kim, Jangho: Poster Tue Kim, Kwang In: Poster Tue Kim, Michael: Poster Wed Kim, Junkyung: Poster Tue Kim, Kee-Eung: Poster Wed, Spotlight Wed in Wed Track 1 -- Session 2 Kim, Geon-hyeong: Poster Wed Kim, Nam Sung: Poster Tue Kim, Nam Sung: Poster Wed Kim, Yunji: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Kim. Hvo-Eun: Poster Tue Kim, Kwang Joon: Poster Wed Kim, Joon: Poster Tue Kimmig, Angelika: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu King, Irwin: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed Kingma, Durk: Poster Tue Kirsch, Louis: Poster Thu Kitchen, Andy: Demonstration Wed in Wed Demonstrations Kiyavash, Negar: Poster Wed, Poster Kleiman-Weiner, Max: Poster Wed Klein, Dan: Poster Tue Kleinberg, Jon: Poster Wed Klimovskaia, Anna: Workshop Fri in None

Poster Wed

Koehler, Jan: Poster Wed

Koeppl, Heinz: Poster Thu

Kohl, Simon: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Kohli, Pushmeet: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue, Poster Thu

Kohli, Nitin: Tutorial Mon in Tutorials Session 2

Koide, Satoshi: Poster Tue

Kolar, Mladen: Poster Thu

Kolter, J. Zico: Tutorial Mon in Tutorials Session 1, Poster Tue, Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed, Poster Thu

Koltun, Vladlen: Poster Tue, Poster Thu

Komorowski, Matthieu : Poster Wed

Kondor, Risi: Poster Tue

Kong, Weihao: Poster Thu

Konstantinov, Nikola: Poster Thu Kontorovich, Aryeh: Poster Thu

Konukoglu, Ender: Workshop Sat

in None

Koolen, Wouter: Poster Thu

Korba, Anna: Poster Thu

Korbar, Bruno: Poster Thu

Koren, Guy: Poster Thu

Korshunova, Iryna: Poster Thu

Kosiorek, Adam: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Koster, Raphael: Poster Wed

Koutris, Paraschos: Poster Wed

Kovalev, Dmitry: Poster Thu

Kpotufe, Samory: Poster Wed

Krause, Andreas: Poster Wed, Spotlight Wed in Wed Track 2 -- Session 2,

Poster Thu

Krehbiel, Sara: Poster Wed

Krijthe, Jesse: Poster Thu

Krishnamurthy, Arvind: Spotlight Tue in Tue Track 1 -- Session 2, Poster

Krishnamurthy, Akshay: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed, Poster Thu

Krishnan, Dilip: Poster Thu

Krishnaswamy, Smita: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Kroer, Christian: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed,

Kroll, Joshua: Tutorial Mon in Tutorials Session 2

Kroon, Steve: Poster Wed

Krzakala, Florent: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu

Kubilius, Jonas: Poster Tue

Kucherenko, Taras: Workshop Sat in None

Kuhn, Daniel: Spotlight Thu in Thu

Track 3 -- Session 2, Poster Thu

Kulesza, Alex: Poster Tue, Poster

Kumar, Senthil: Workshop Fri in None

Kumar, Sanjiv: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Poster Wed

Kumar, Ashish: Oral Wed in Wed Track 2 -- Session 1, Poster Wed, Poster Thu

Kumar, Abhishek: Poster Tue, Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Kumar, Akshat: Poster Wed

Kumar, Ravi: Poster Wed, Poster Thu

Kumaraswamy, Raksha: Poster Wed

Kunstner, Frederik: Poster Thu Kunze, Julius: Poster Thu

Kuo, Han-wen: Poster Wed

Kurach, Karol: Poster Tue

Kurakin, Alexey: Poster Tue

Kurutach, Thanard: Poster Wed

Kushman, Nate: Poster Wed, Work-

shop Sat in None

Kusner, Matt: Workshop Fri in , Workshop Sat in None

Kusupati, Aditya: Poster Thu

Kutsuna, Takuro: Poster Tue **Kutzkov, Konstantin**: Spotlight Thu

in Thu Track 1 -- Session 1, Poster Thu **Kuznetsov, Vitaly**: Poster Thu **Kuznetsov, Mikhail**: Poster Thu

Kveton, Branislav: Poster Thu

Kwak, Nojun: Poster Tue, Poster Wed

Kweon, In So: Poster Tue

Kwok, James: Poster Wed

L'Écuyer-Lapierre, Louis: Demonstration Wed in Wed Demonstrations

Labelle, Felix: Demonstration Wed in Wed Demonstrations

Labutov, Igor: Workshop Sat in

Lacombe, Theo: Poster Thu

Lacombe, Theo: Poster Thu

Lacoste, Alexandre: Poster Tue, Poster Wed

Lacoste-Julien, Simon: Poster Wed, Workshop Fri in None

Lage, Isaac: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Laha, Anirban: Poster Thu **Lai, Hanjiang**: Poster Tue

Lai, Kevin: Poster Wed

Lakshmiratan, Aparna: Workshop Fri in None

Lam, Remi: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Lamblin, Pascal: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Lamperski, Andrew: Poster Thu

lan, xu: Poster Tue

Lanctot, Marc: Poster Wed

Lange, Ingrid: Demonstration Tue in Tue Demonstrations, Demonstration Wed in Wed Demonstrations

Lange, Richard: Oral Tue in Tue Track 1 -- Session 2, Poster Tue

Lange-Hegermann, Markus: Poster

Langford, John: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Langlois, Timothy: Poster Thu

Lao. Ni: Spotlight Wed in Wed Track

Lao, Ni: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Laptev, Ivan: Poster Tue

Lattanzi, Silvio: Poster Thu

Lattimore, Finnian: Workshop Fri in None

Lattimore, Tor: Poster Wed, Poster

Thu

Lau, Hoong Chuin: Poster Wed Lau, Rynson: Poster Tue

Laue, Soeren: Poster Wed

Laurent, César: Poster Tue

Lavaei, Javad: Poster Wed, Spotlight Wed in Wed Track 3 -- Session 2

Law, Ho Chung: Poster Wed

Lazaric, Alessandro: Poster Wed

Lazaric, Alessandro: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Lazaridou, Angeliki: Workshop Sat in None

Lazebnik, Svetlana: Poster Tue

Lazic, Nevena: Poster Tue **Lazovich, Tomo**: Poster Tue

Le, Tam: Poster Thu

Le, Hung: Poster Tue

Le, Quoc: Poster Wed, Spotlight Wed in Wed Track 1 -- Session 2

Le. Lei: Poster Thu

Le Callet, Patrick: Poster Thu

LeCun, Yann: Poster Tue

Ledsam, Joseph R.: Spotlight Wed in Wed Track 2 -- Session 1, Poster

Lee, Kyungjae: Poster Wed

Lee, Donghoon: Poster Tue **Lee, Tae Jun**: Spotlight Tue in Tue
Track 1 -- Session 2, Poster Tue

Lee, Kimin: Poster Tue, Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Lee, Eric: Poster Thu

Lee, Jongmin: Poster Wed

Lee, Yin Tat: Oral Thu in Thu Track 3 -- Session 2, Poster Thu

Lee, Stefan: Workshop Fri in None

Lee, Wonyeol: Poster Thu

Lee, Chi-Guhn: Poster Wed

Lee, Wei-Cheng: Poster Wed

LEE, HOLDEN: Oral Tue in Tue Track 3 -- Session 1, Poster Tue, Poster Wed

Lee, Jaeho: Spotlight Wed in Wed

Track 3 -- Session 1, Poster Wed

Lee, Honglak: Poster Tue, Oral Thu in Thu Track 1 -- Session 2, Poster Thu

Lee, Chuan-Zheng: Spotlight Wed in Wed Track 3 -- Session 2, Poster

Lee, Sanghack: Poster Thu

Lee, Chun-Yi: Poster Wed

Lee, Kangwook: Poster Wed

Lee, Hae Beom: Poster Tue, Poster

Lee, HyoukJoong: Poster Tue

Lee, Stefan: Poster Tue

Lee, Sang-Woo: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Lee, Kibok: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Lee, Honglak: Poster Tue, Poster Thu, Spotlight Thu in Thu Track 2 -- Session 2

Lee, Juho: Poster Tue, Poster Wed

Lee, Jason: Poster Tue, Poster Wed,

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Legenstein, Robert: Poster Wed

Legg, Shane: Poster Wed **Lehman, Joel**: Poster Tue, Poster

Lei, Yunwen: Poster Wed

Lei, Qi: Poster Tue Leibo, Joel: Poster Wed

Leike, Jan: Poster Wed

Lelis, Levi: Poster Wed **Leme, Renato**: Poster Wed

Lempitsky, Victor: Poster Tue

Lengyel, Mate: Poster Tue

Lenssen, Jan Eric: Poster Thu

Leonardis, Ales: Poster Wed
Leong, Oscar: Oral Tue in Tue Track 3

-- Session 1, Poster Tue **Lepsøy, Skjalg**: Poster Wed

Leqi, Liu: Poster Thu **Lerchner, Alexander**: Spotlight Wed in Wed Track 1 -- Session 2, Poster

Wed

Leshem, Amir: Poster Thu **Leskovec, Jure**: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2,
Spotlight Wed in Wed Track 2 -- Session 2, Spotlight Wed in Wed Track 1

-- Session 2, Poster Wed **Leslie, David**: Poster Wed

Letourneau, Adam: Demonstration Wed in Wed Demonstrations

Leung, Dennis: Poster Thu

Levin, Michael: Invited Talk Tue in Tue Invited Talk 2

Levin, Roie: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Levine, Sergey: Poster Tue, Oral Wed in Wed Track 2 -- Session 1, Poster Wed, Spotlight Wed in Wed Track 1 -- Session 2, Poster Thu, Spotlight Thu in Thu Track 1 -- Session 2

Levy, Yehuda Kfir: Poster Thu Li, Chun-Liang: Poster Thu in Tue Track 2 -- Session 2 Liu, Sifei: Poster Tue Li, Jinfeng: Poster Tue Li, Yitong: Spotlight Tue in Tue Track Lin, Rongmei: Poster Tue Liu, Shu: Poster Tue 2 -- Session 1, Poster Tue LI, Chongxuan: Poster Tue Lin, Lin: Poster Tue Liu, Yan: Poster Tue Li, Zhize: Spotlight Thu in Thu Track Liu, Bowen: Spotlight Wed in Wed Li, Zhuowan: Poster Tue Lin, Zhen: Poster Tue 3 -- Session 2, Poster Thu Track 1 -- Session 2, Poster Wed Li, Yitan: Poster Tue Lin, Hongzhou: Spotlight Thu in Thu Li, Shuang: Spotlight Tue in Tue Track 2 -- Session 2, Poster Thu Liu. Shichen: Poster Tue Li, Shen: Poster Tue Track 1 -- Session 2, Poster Tue Liu, Hao: Oral Thu in Thu Track 2 --Li, baoxin: Poster Wed Li, Zhao: Poster Wed Session 1, Poster Thu Lindenbaum, Ofir: Spotlight Tue in Li, Junnan: Poster Thu Li, Yao: Poster Thu Tue Track 1 -- Session 2, Poster Tue Liu, YuXuan: Spotlight Wed in Wed li, zhiyuan: Poster Thu Li, Yanjun: Spotlight Tue in Tue Track Track 1 -- Session 2, Poster Wed Linderman, Scott: Spotlight Tue in Li, Lei: Poster Tue 3 -- Session 1, Poster Tue Tue Track 1 -- Session 2, Poster Tue Liu, Bingbin: Poster Wed Li. Yuan: Poster Tue Li. Xiao: Poster Tue Liu, Xialei: Poster Tue Lindgren, Erik: Poster Thu Li, Lihong: Poster Tue, Spotlight Li, Hao: Poster Tue Lindsey, Jack: Poster Wed Liu, Yang: Poster Wed Wed in Wed Track 1 -- Session 2, Li, Raymond: Poster Thu Lindsten, Fredrik: Spotlight Thu in Liu, Ming-Yu: Poster Tue Poster Wed Li, Jian: Spotlight Thu in Thu Track 3 Thu Track 2 -- Session 1, Poster Thu Liu, Sijia: Poster Wed Li, Sheng: Poster Thu -- Session 2, Poster Thu Ling, Suivi: Poster Thu Liu, Chang: Poster Tue Li, Jian: Poster Tue Li, Zongpeng: Spotlight Thu in Thu Ling, Charles: Poster Tue Liu, Mingrui: Poster Wed, Poster Thu Li, Boyue: Poster Thu Track 3 -- Session 1, Poster Thu Ling, Qing: Poster Thu Liu, Ji: Poster Tue, Poster Wed, Poster Li, Peng: Poster Tue Li, Xuechen: Oral Wed in Wed Track Linsley, Drew: Poster Tue li, wei: Poster Tue 2 -- Session 2, Poster Wed Linzner, Dominik: Poster Thu Liu, Yingqi: Spotlight Tue in Tue Li, Songze: Poster Tue, Poster Wed Li, Baochun: Poster Tue **Lipman, Yaron**: Spotlight Thu in Thu Track 3 -- Session 2, Poster Tue Li, Youjie: Poster Tue, Poster Wed Liang, Xiaodan: Poster Tue, Poster Track 3 -- Session 2, Poster Thu Liu, Lixin: Poster Tue Li, Jianshu: Poster Tue Wed, Poster Thu Lipton, Zachary: Poster Tue Liu, Qi: Poster Thu LIANG, SHIYU: Poster Wed Li, Yuanzhi: Spotlight Tue in Tue Lisitsyn, Sergey: Workshop Sat in Liu, Yu: Poster Thu Track 1 -- Session 1, Poster Tue, Liang, Ling: Poster Tue None Liu, Shengchao: Poster Wed Poster Wed, Poster Thu Liang, Yitao: Poster Wed Listgarten, Jennifer: Poster Thu Liu, Jinlai: Poster Tue li, zhihang: Poster Tue Liang, Yingyu: Spotlight Tue in Tue Littwin, Etai: Poster Tue Liu, Ding: Poster Tue Li, Pan: Poster Tue, Poster Wed Track 1 -- Session 1, Poster Tue Liu, Hanpeng: Poster Tue Li, Li Erran: Workshop Sat in None Liu, Jinyan: Poster Wed Liang, Percy: Oral Tue in Tue Track 2 Liu, Han: Poster Tue -- Session 1, Poster Tue, Poster Thu Liu, Bo: Poster Wed Li, Yangyan: Poster Tue Liu, Zhenhua: Poster Tue Liang, Chen: Spotlight Wed in Wed Liu, Meimei: Poster Wed Li, Hao: Poster Tue Track 1 -- Session 2, Poster Wed Liu, Tie-Yan: Poster Tue, Poster Wed, Liu, Wei: Poster Tue, Poster Wed, Li, Yin: Poster Tue Poster Thu Liang, Yingbin: Poster Wed, Spot-Poster Thu LI, JING: Poster Thu light Thu in Thu Track 3 -- Session 2, Liu, Yen-Cheng: Poster Tue Liu, Xiaodong: Poster Tue Li, Jerry: Poster Wed, Poster Thu Poster Thu Liu, Yao: Poster Wed Liu, Weiyang: Poster Tue, Poster Li, Wu-Jun: Poster Thu Liao, Renjie: Poster Tue Liu, Lydia T.: Spotlight Wed in Wed Li, Zhen: Poster Tue Liaw, Christopher: Oral Wed in Wed Track 3 -- Session 2, Poster Wed Liu, Zhijian: Poster Wed Li, Shi: Poster Tue, Spotlight Thu in Track 3 -- Session 1, Poster Wed Liu, Zhongming: Poster Tue Locatello, Francesco: Spotlight Thu Thu Track 3 -- Session 1, Poster Thu Libuschewski, Pascal: Poster Thu in Thu Track 2 -- Session 1, Poster Thu Liu, Qiang: Poster Wed, Spotlight Li, Wenye: Poster Thu Lie, Han Cheng: Poster Thu Wed in Wed Track 1 -- Session 2, Logeswaran, Lajanugen: Poster Tue Li, Zhuwen: Poster Thu Oral Thu in Thu Track 2 -- Session 1, Lillicrap, Timothy: Poster Tue, Lombaert, Hervé: Workshop Sat in Poster Thu Li, Ming-Wei: Poster Thu Poster Wed, Poster Thu Liu, Yanli: Poster Wed Li, Zhe: Poster Thu Lim, Bryan: Poster Wed Long, Jonathan: Demonstration Liu, Hu: Spotlight Thu in Thu Track 3 Li, Zeming: Poster Tue Lim, Cong Han: Poster Thu Wed in Wed Demonstrations -- Session 1, Poster Thu Li, hongsheng: Poster Tue Lin, Shou-De: Poster Wed Long, Mingsheng: Poster Tue Liu, Jing: Poster Thu Li, Yang: Poster Tue Lin, Stephen: Spotlight Wed in Wed Loog, Marco: Poster Thu Liu, Alexander: Poster Tue Track 2 -- Session 1, Poster Wed Li, Guoqi: Poster Tue Lopez, Romain: Poster Tue Liu, Rosanne: Poster Tue Lin, Lizhen: Poster Thu Li, Qiuwei: Poster Tue Lopez Moreno, Ignacio: Poster Tue Liu, Risheng: Poster Tue Lin, Liang: Poster Tue, Poster Thu Li, Peihua: Poster Tue Lopez-Paz, David: Workshop Fri in Liu, Han: Poster Wed LIN, CHEN: Poster Tue Li, Rui: Spotlight Wed in Wed Track 2 Liu, Siyuan: Poster Wed -- Session 2, Poster Wed Lin, Zhouchen: Poster Tue, Spotlight Lord, Nicholas: Poster Tue Wed in Wed Track 3 -- Session 2, Liu, Miao: Poster Wed Li, Xiujun: Poster Tue Louizos, Christos: Workshop Fri in Poster Wed, Workshop Fri in None Liu, Shice: Poster Tue Li, Jian: Poster Thu LIN, Tao: Poster Tue Liu, Tianyi: Poster Wed Li, Yaliang: Poster Thu **Lowe, Ryan**: Workshop Sat in None Lin, Zhe: Poster Tue liu, xiaokun: Poster Tue Loy, Chen Change: Poster Tue Li, Bin: Poster Thu **Lin, Dahua**: Poster Tue, Poster Wed Lu, Tyler: Oral Thu in Thu Track 1 --Liu, Xiangwen: Poster Tue Li, Chuan: Poster Tue Lin, Hsuan-Tien: Poster Wed Session 2, Poster Thu Liu, Wenyu: Poster Tue Li, Shiyang: Poster Wed Lin, Steven: Spotlight Wed in Wed Lu, Yang: Poster Tue Liu, Jialin: Spotlight Tue in Tue Track Li, Chris Junchi: Spotlight Wed in Track 1 -- Session 2, Poster Wed 3 -- Session 1, Poster Tue Lu, Junwei: Poster Wed Wed Track 3 -- Session 2, Poster Wed Lin, Tsung-Yi: Poster Wed Liu, Zhen: Poster Tue, Poster Wed Lu, Yifeng: Poster Thu Li, Dan: Poster Tue Lin, Zhifeng: Poster Tue Liu, Kai: Poster Tue **Lu, Shiyin**: Poster Thu Li, Shuai: Poster Thu Lin, Zinan: Poster Tue, Spotlight Tue

Liu, Yong: Poster Thu

Li, Xiaowei: Poster Tue

Lu, Zongqing: Poster Wed

Lu, Zhiwu: Poster Thu Lu, Zhuo: Poster Thu Lu, Tyler: Poster Tue Lucas, Tim: Poster Wed Lucic, Mario: Poster Tue, Poster Wed, Poster Thu Luck, Margaux: Workshop Sat in None Ludwig, Heiko: Demonstration Tue in Tue Demonstrations Lui, Krv: Poster Wed Lui, John C. S.: Poster Thu Luise, Giulia: Poster Wed Lukasiewicz, Thomas: Poster Tue Luneau, Clément: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Lunz, Sebastian: Poster Tue Luo, Xiyang: Poster Tue Luo, Haipeng: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed Luo, Ping: Poster Tue Luo, Zhongxuan: Poster Tue Luo, Rengian: Poster Thu Luo, Lei: Poster Wed Luo, Rui: Poster Thu Luo. Yucen: Poster Thu Luo, Yonghong: Poster Thu Luss, Ronny: Poster Tue, Poster Wed Luu, Anh Tuan: Poster Tue Lv, Jinchi: Poster Tue Lyddon, Simon: Poster Thu Lykouris, Thodoris: Poster Wed Lyu, Michael: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed Lyu, Daoming: Poster Wed M. Alaa, Ahmed: Poster Wed Ma, Shigian: Poster Wed Ma, Tengfei: Poster Tue Ma, Fangchang: Poster Tue Ma, Long: Poster Tue Ma, Chao: Poster Wed Ma, Chao: Poster Tue Ma, Yuzhe: Poster Tue Ma, Shiqing: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Ma, Lin: Poster Tue, Poster Wed Maass, Wolfgang: Poster Wed, Poster Thu Mac Aodha, Oisin: Poster Thu MacKay, Matthew: Poster Tue Mackey, Lester: Poster Wed, Poster Thu Macready, William: Poster Tue Macris, Nicolas: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Madhavan, Vashisht: Poster Wed Madras, David: Poster Tue Madry, Aleksander: Tutorial Mon in Tutorials Session 1, Spotlight Tue in Tue Track 3 -- Session 2, Oral Tue in

Poster Wed Magapu, Sneha: Demonstration Tue in Tue Demonstrations Magdon-Ismail, Malik: Poster Wed Magill, Martin: Poster Tue Magliacane, Sara: Poster Thu Mahloujifar, Saeed: Poster Wed Mahmoody, Mohammad: Poster Mahoney, Michael: Poster Tue, Poster Thu Maier-Hein, Klaus: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Maillard, Antoine: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Mainsah, Boyla: Poster Wed Mairal, Julien: Poster Tue Malek, Alan: Poster Thu Maleki, Arian: Poster Wed Malik, Jitendra: Oral Wed in Wed Track 2 -- Session 1, Poster Wed Malik, Osman Asif: Poster Tue Malinin, Andrey: Poster Tue Malinowski, Mateusz: Poster Wed, Workshop Fri in None Malkomes, Gustavo: Poster Thu, Spotlight Thu in Thu Track 1 -- Ses-Mallat, Stephane: Workshop Sat in Mallmann-Trenn, Frederik: Poster Mamitsuka, Hiroshi: Poster Thu Mandal, Ankush: Poster Tue Mangoubi, Oren: Poster Thu Manhaeve, Robin: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Mania, Horia: Poster Wed Mankowitz, Daniel: Poster Wed Mannor, Shie: Poster Wed Mannor, Shie: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Manoel, Andre: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Mantiuk, Rafal: Poster Thu Mao, Xueyu: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Mao, Jialin: Poster Thu Mao, Jieming: Poster Wed Mao, Xiaojie: Poster Thu Mao, Jingwei: Poster Thu Marconi, GianMaria: Poster Tue Mardani, Morteza: Poster Tue Marder, Mattias: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Mardt, Andreas: Poster Tue Mariet, Zelda: Poster Wed Marinescu, Radu: Poster Wed

Marino, Joseph: Poster Tue

Wed

Marinoiu, Elisabeta: Spotlight Wed

in Wed Track 2 -- Session 1, Poster

Marinov, Teodor Vanislavov: Poster Maris, Eric: Poster Thu Mark, Shirely: Oral Tue in Tue Track 1 -- Session 2, Poster Tue Marks, Tim: Workshop Fri in None Marom, Ofir: Poster Wed Maron, Haggai: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Marques, Alexandre: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Marris, Luke: Poster Thu Martel-Denis, Félix: Demonstration Wed in Wed Demonstrations Martius, Georg: Poster Tue MARY, Jeremie: Workshop Fri in Mary, Jérémie: Poster Wed Marzouk, Youssef: Poster Thu Masci, Jonathan: Poster Tue Massoulié, Laurent: Oral Thu in Thu Track 3 -- Session 2, Poster Thu Mathieson, Sara: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Mathur, Abhishek: Demonstration Tue in Tue Demonstrations Matni, Nikolai: Poster Wed Matsen IV, Frederick A: Spotlight Tue in Tue Track 1 -- Session 2, Poster Matte, Eric: Demonstration Wed in Wed Demonstrations Mattei, Pierre-Alexandre: Poster Matthey, Loic: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Matvasko, Alexander: Poster Tue Mawhorter, Ross: Poster Tue Mazeika, Mantas: Poster Thu McAllister, Rowan: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu McAuley, Julian: Poster Tue McCallum, Andrew: Poster Thu McCann, Robert: Poster Wed McClure, Patrick: Poster Wed McCord, Christopher: Poster Thu McCurdy, Shannon: Poster Thu McDermott, Matthew: Workshop Sat in None McGregor, Sean: Workshop Sat in McGregor, Andrew: Poster Thu McKee, Kevin: Poster Wed McMahan, Brendan: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Spotlight Thu in Thu Track 3 --Session 2, Poster Thu Mech, Radomir: Poster Tue Meger, David: Poster Tue Mehrabian, Abbas: Oral Wed in

Wed Track 3 -- Session 1, Poster Wed

Mehri, Shikib: Poster Tue

Mehta, Ruta: Poster Wed

Mei, Yajun: Poster Wed Mei. Lin: Poster Tue Meier, Florian: Poster Thu Meila, Marina: Poster Thu Meister, Mona: Poster Thu Mella, Vegard: Poster Wed Mendez, Jorge: Poster Thu Mendonca, Russell: Spotlight Wed in Wed Track 1 -- Session 2, Poster Meng, Zhaopeng: Poster Wed MENG, GAOFENG: Poster Tue Menon, Aditya: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed Mercier-Nicol, Antoine: Demonstration Wed in Wed Demonstrations Merlis, Naday: Poster Wed Mertikopoulos, Panayotis: Poster Meshi, Ofer: Poster Thu Metelli, Alberto Maria: Oral Wed in Wed Track 1 -- Session 2, Poster Wed Metzen, Jan Hendrik: Poster Tue Meyer, Clemens: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Mhammedi, Zakaria: Spotlight Wed in Wed Track 1 -- Session 1, Poster Mianjy, Poorya: Poster Thu Michalewski, Henryk: Poster Wed Michalski, Marcin: Poster Tue Michalski, Vincent: Poster Thu Michiardi, Pietro: Poster Wed Michoel, Tom: Poster Thu Might, Matthew: Poster Tue Milenkovic, Olgica: Poster Tue, Poster Wed, Poster Thu Milios, Dimitrios: Poster Wed Min, Dongbo: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Mindermann, Sören: Poster Wed Minnen, David: Poster Thu Mirhoseini, Azalia: Workshop Sat in None Mirman, Matthew: Poster Tue Mirowski, Piotr: Poster Wed Mirzasoleiman, Baharan: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Miscouridou, Xenia: Poster Tue Mishchenko, Konstantin: Poster Wed Mishkin, Aaron: Poster Thu Mishra, Bamdev: Poster Tue, Poster Mitchell, Tom: Poster Wed, Workshop Sat in None Mitliagkas, Ioannis: Workshop Fri

Mitra, Partha: Poster Thu

Mitrovic, Jovana: Spotlight Thu in

Thu Track 2 -- Session 1, Poster Thu

Tue Track 2 -- Session 2, Poster Tue,

Mittal, Prateek: Poster Wed Mitterreiter, Matthias: Poster Wed Mitzenmacher, Michael: Poster Thu Mnih, Andriv: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Mobahi, Hossein: Poster Thu Mohajerin Esfahani, Peyman: Spotlight Thu in Thu Track 3 -- Session 2, Mohamed, Shakir: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Mohri, Mehryar: Poster Wed, Poster Mokhtari, Aryan: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed, Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Moldovan, Dan: Poster Wed Molino, Piero: Poster Tue Molitor, Denali: Poster Tue Momeni, Ahmadreza: Poster Thu Monajemi, Hatef: Poster Tue Monath, Nicholas: Poster Thu Moniz, Joel Ruben Antony: Poster Wed Montanari, Andrea: Spotlight Wed in Wed Track 3 -- Session 2, Poster Mooij, Joris: Poster Thu Moore, Dave: Poster Thu Moore, Dave: Poster Wed

Moore, Dave: Poster Thu
Moore, Dave: Poster Wed
Morais, Michael: Poster Wed
Morales, Lucas: Spotlight Thu in Thu
Track 2 -- Session 2, Poster Thu
Moran, Oisín: Poster Tue
Morcos, Ari: Poster Wed

Mordan, Taylor: Poster Tue **Mordatch, Igor**: Workshop Sat in None

Mordatch, Igor: Workshop Sat in None

Moreau, Thomas: Poster Thu Moreau, Thierry: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Morency, Louis-Philippe: Poster Tue

Moreno-Muñoz, Pablo: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed

Morgado, Pedro: Poster Thu Morgenstern, Jamie: Poster Tue, Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Mori, Greg: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Moroshko, Edward: Poster Thu Morozov, Stanislav: Poster Tue Morris, Richard: Oral Thu in Thu

Track 1 -- Session 1, Poster Thu

Morris, Christopher: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Morton, Jeremy: Poster Wed **Moseley, Benjamin**: Spotlight Thu

in Thu Track 1 -- Session 2, Poster Thu **Mossel, Elchanan**: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed

Moulines, Eric: Poster Thu, Spotlight Thu in Thu Track 3 -- Session 2

Moulinier, Isabelle: Workshop Fri in None

Moura, José M. F.: Poster Tue Moyer, Daniel: Poster Thu

Mozer, Michael: Spotlight Tue in Tue Track 2 -- Session 2, Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue, Poster Thu

Mrowca, Damian: Poster Tue, Poster Wed

Mu, Tong: Demonstration Wed in Wed Demonstrations

Mudigonda, Pawan: Poster Thu Mudumba, Sai Rajeswar: Poster Tue

Muelly, Michael: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Mujika, Asier: Poster Thu

Mukadam, Mustafa: Workshop Fri in None

Mukherjee, Soumendu Sundar: Poster Wed

Mullainathan, Sendhil: Workshop Fri in None

Muller, Timothy: Oral Tue in Tue Track 1 -- Session 2, Poster Tue

Mulligan, Deirdre: Tutorial Mon in Tutorials Session 2

Mun, Jonghwan: Poster Tue **Munkhoeva, Marina**: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Munos, Remi: Poster Wed, Poster Thu

Munteanu, Alexander: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed

Murali, Adithyavairavan: Poster Tue, Poster Wed

Murali, Pavankumar: Poster Tue Murata, Tomoya: Poster Thu Murias, michael: Poster Tue Murillo-Fuentes, Juan José: Poste

Murillo-Fuentes, Juan José: Poster

Murino, Vittorio: Poster Wed **Murphy, Kevin**: Workshop Fri in None

Murray-Smith, Roderick: Poster Tue

Murtagh, Jack: Poster Tue
Musco, Cameron: Poster Wed
Musco, Christopher: Poster Wed

Mussmann, Stephen: Poster Thu **Mutny, Mojmir**: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed

Muzellec, Boris: Poster Tue **Müller, Klaus-Robert**: Workshop Sat
in None

Nachum, Ofir: Poster Tue, Poster Wed

Naik, Nikhil: Poster Thu

Naik, Mayur: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Naiman, Daniel: Poster Wed

Nair, Prasanth: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu

Nair, Ashvin: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Najibi, Mahyar: Poster Tue, Poster Wed

Nakahara, Hiroyuki: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed

Nam, Seonghyeon: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Nam, Hyeonseob: Poster Tue Namkoong, Hongseok: Poster Tue, Poster Wed

Nar, Kamil: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Narahari, Kedhar: Demonstration Tue in Tue Demonstrations

Narasimhan, Medhini: Poster Tue Narayanaswamy, Siddharth: Poster Thu

Narra, Krishna: Poster Tue Nasrabadi, Nasser: Poster Tue Natarajan, Prem: Poster Thu Naumann, Tristan: Workshop Sat in None

Nayak, Ashwin: Poster Thu Nayebi, Aran: Poster Tue

Nazari, MohammadReza: Poster Wed

Nedich, Angelia: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Neely, Michael: Poster Thu Negrinho, Renato: Poster Thu Nehorai, Arye: Poster Thu

Neiswanger, Willie: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Neitz, Alexander: Poster Wed Nemeth, Christopher: Poster Thu Netrapalli, Praneeth: Spotlight Thu in Thu Track 1 — Session 2, Poster Thu

Neumann, Stefan: Poster Thu **Neville, Jennifer**: Workshop Sat in

None

Ng, Yin Cheng: Poster Thu Nguyen, Duc Thien: Poster Wed

Nguyen, Tin: Poster Wed

Nguyen, Minh Hoai: Poster Tue Nguyen, Huy: Poster Wed

Nguyen, Thin: Poster Tue

Nguyen, Patrick: Poster Tue Nguyen, Vu: Poster Thu

Nguyen, Viet Anh: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Nguyen-Phuoc, Thu: Poster Tue **Nguyen-Tuong, Duy**: Poster Thu **Ni, Bingbing**: Poster Tue

Niazadeh, Rad: Oral Thu in Thu

Track 3 -- Session 1, Poster Thu

Niebles, Juan Carlos: Poster Wed, Workshop Sat in None

Nielsen, Didrik: Poster Thu **Nielson, Dylan**: Poster Wed

Nimishakavi, Madhav: Poster Tue

Nisan, Noam: Poster Wed Nisimov, Shami: Poster Thu

Nissim, Kobbi: Poster Thu

Niu, Gang: Poster Tue, Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Nivasch, Gabriel: Poster Thu **Nock, Richard**: Poster Thu

Noe, Frank: Poster Tue

Norcliffe-Brown, Will: Poster Tue Norouzi, Mohammad: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed, Oral Thu in Thu Track 2

-- Session 2, Poster Thu **Novik, Gal**: Poster Thu

Nowozin, Sebastian: Workshop Fri in None

Nvasconcelos, Nuno: Poster Thu O'Connor, Daniel: Poster Wed O'Kelly, Matthew: Poster Tue

O.S. Vaz de Melo, Pedro: Poster Thu
Oates, Chris: Poster Thu

Obuchi, Tomoyuki: Poster Wed Ocko, Samuel: Poster Wed

Odena, Augustus: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Oh, Songhwai: Poster Wed

Oh, Sewoong: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2, Poster Wood

Oh, Junhyuk: Poster Wed, Poster Thu

Ohnishi, Motoya: Poster Wed Ohrimenko, Olga: Poster Tue, Workshop Sat in None

Ok, Jungseul: Oral Wed in Wed Track 1 -- Session 1, Poster Wed

Oliver, Avital: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Ollivier, Yann: Poster Wed **Olsen, Peder**: Poster Wed

Olshausen, Bruno: Poster Thu **Olson, Matthew**: Poster Tue

Olukotun, Kunle: Invited Talk Thu in

Thu Invited Talk 2

Olšák, Miroslav: Poster Wed

Oneto, Luca: Poster Tue

Ong, Cheng Soon: Workshop Sat in None

Ong, Cheng Soon: Poster Thu
Ono, Yuki: Poster Tue

Oquab, Maxime: Workshop Fri in

Orchard, Garrick: Poster Tue
Oren, Yonatan: Oral Tue in Tue Track

2 -- Session 1, Poster Tue

Oreshkin, Boris: Poster Tue

Orr, Douglas: Demonstration Wed in Wed Demonstrations Orseau, Laurent: Poster Wed Osband, Ian: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Oseledets, Ivan: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu Osendorfer, Christian: Poster Tue Osher, Stanley: Poster Tue Osokin, Anton: Poster Wed Otte, Clemens: Poster Thu **OUDOT, Steve:** Poster Thu Ouyang, Yi: Poster Wed Ouyang, Wanli: Poster Tue Ozdaglar, Asuman: Spotlight Wed in Wed Track 3 -- Session 2, Poster Ozdemir, Onur: Poster Tue Pabbaraju, Chirag: Poster Tue Pacchiano, Aldo: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed, Poster Thu Pacer, M: Demonstration Tue in Tue **Demonstrations** Paige, Brooks: Workshop Fri in Paige, Brooks: Workshop Sat in Paine, Thomas: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Paisley, John: Workshop Fri in None Paiton, Dylan: Poster Thu Pajarinen, Joni: Workshop Sat in Pajdla, Tomas: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Pal, Chris: Poster Tue, Spotlight Tue in Tue Track 1 -- Session 2, Poster Wed, Poster Thu Palatucci, Mark: Demonstration Tue in Tue Demonstrations Palm, Rasmus: Poster Tue Pan, Chunhong: Poster Tue Pan, Jinshan: Poster Wed Pan, Chao: Poster Thu Pan, Boyuan: Poster Tue Panageas, Ioannis: Poster Wed Panconesi, Alessandro: Poster Thu Pande, Vijay: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Pandit, Parthe: Poster Wed Pang, Jiangmiao: Poster Tue Pang, Tianyu: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Pang, Ming: Poster Wed Pang, Yanwei: Poster Tue Pang, Ruoming: Poster Tue Papadimitriou, Christos: Poster Thu Papailiopoulos, Dimitris: Poster Wed

Orhan, Emin: Poster Tue

Orlitsky, Alon: Poster Wed

Oroojlooy, Afshin: Poster Wed

Papandreou, George: Poster Tue Papernot, Nicolas: Poster Tue Papernot, Nicolas: Workshop Fri in Papini, Matteo: Oral Wed in Wed Track 1 -- Session 2, Poster Wed Papyan, Vardan: Poster Tue Paquet, Ulrich: Poster Tue Parascandolo, Giambattista: Poster Wed Parikh, Devi: Workshop Fri in None Parisot, Sarah: Poster Tue Park, Sung Min: Poster Thu Park, Young-Jin: Poster Thu Park, Jinhwan: Poster Tue Park, Soon-Seo: Poster Thu Park, Seonguk: Poster Tue Parmar, Niki: Poster Tue Parmas, Paavo: Poster Wed Parnell, Thomas: Poster Tue Parotsidis, Nikos: Poster Thu Parrado-Hernandez, Emilio: Poster Wed Partovi Nia, Vahid: Poster Thu Pascanu, Razvan: Poster Tue, Workshop Fri in None Pashkovski, Stan: Poster Tue Pasquali, Luca: Poster Tue Patel, Shwetak: Poster Tue Patel, Ankit: Workshop Sat in None Pati, Ashis: Demonstration Tue in Tue Demonstrations Patterson, Andrew: Poster Thu Pauly, John: Poster Tue Pauwels, Edouard: Poster Thu Pehlevan, Cengiz: Poster Thu Pei, Kexin: Poster Tue Peic Tukuljac, Helena: Poster Wed peng, jiefeng: Poster Tue Peng, Yu-Shao: Poster Wed Peng, Kainan: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Peng, Xiulian: Poster Tue Penn, Jonathan: Workshop Sat in None Pennington, Jeffrey: Poster Wed Pensyl, Thomas: Poster Tue Pereira, Brandon: Demonstration Wed in Wed Demonstrations Pereira, Francisco: Poster Wed Perez, Ethan: Workshop Fri in None Perolat, Julien: Poster Tue, Poster Wed Perona, Pietro: Poster Thu Perozzi, Bryan: Poster Thu Perrone, Valerio: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue, Poster Thu Persu, Madalina: Poster Thu

Petrik, Marek: Spotlight Thu in Thu

Track 1 -- Session 2, Poster Thu

Petroski Such, Felipe: Poster Tue, Poster Wed **Pfaff, Tobias**: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Pfeil, Thomas: Poster Wed Philipose, Matthai: Poster Tue Phillips, Matthew: Poster Wed Pichapati, Venkatadheeraj: Poster Picheny, Michael: Poster Tue Pickett, Marc: Workshop Fri in None Pidhorskyi, Stanislav: Poster Tue Pietquin, Olivier: Workshop Fri in None Pillaud-Vivien, Loucas: Poster Thu Pillow, Jonathan: Poster Tue, Poster Wed. Poster Thu Pillutla, Venkata Krishna: Poster Thu Pimentel-Alarcon, Daniel: Poster Thu Pineau, Joelle: Invited Talk (Posner Lecture) Wed in Wed Invited Talk 1, Poster Wed, Workshop Fri in None Ping, Wei: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Pinto, Lerrel: Poster Tue Pirotta, Matteo: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed Pitassi, Toni: Poster Tue Pitkow, Zachary: Poster Tue Plan, Yaniv: Oral Wed in Wed Track 3 -- Session 1. Poster Wed Pleiss, Geoff: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Plumb, Gregory: Poster Tue Plötz, Tobias: Poster Tue Poczos, Barnabas: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Poster Thu Podoprikhin, Dmitrii: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue Polosukhin, Illia: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu polson, nicholas: Poster Thu Polymenakos, Lazaros: Workshop Fri in None Pong, Vitchyr: Spotlight Wed in Wed Track 1 -- Session 2. Poster Wed Ponte Costa, Rui: Oral Tue in Tue Track 1 -- Session 1, Poster Tue Pontil, Massimiliano: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Pontil, Massimiliano: Poster Tue, Poster Wed Poole, David: Poster Thu Popa, Alin-Ionut: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Portier, François: Poster Wed

Thu, Workshop Sat in None

Posner, Ingmar: Spotlight Wed in

Wed Track 2 -- Session 1, Poster Wed

Poupart, Pascal: Poster Wed, Poster

Pozidis, Haralampos: Poster Tue Prabhakar, Balaji: Poster Wed Prasad, Adarsh: Poster Thu Precup, Doina: Poster Wed Pretorius, Arnu: Poster Wed Price, Bob: Poster Thu Pritzel, Alexander: Poster Wed Prokhorenkova, Liudmila: Poster Thu Proutiere, Alexandre: Oral Wed in Wed Track 1 -- Session 1, Poster Wed Pu, Shi: Poster Tue Pu, Yewen: Poster Wed Puli, Aahlad Manas: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Pumir, Thomas: Oral Thu in Thu Track 3 -- Session 2, Poster Thu Purohit, Manish: Poster Wed Purushotham, Sanjay: Poster Tue Pyrak-Nolte, Laura: Workshop Fri in None Püschel, Markus: Poster Tue Qi, Lu: Poster Tue Qi, Jianzhong: Poster Tue Qi, Siyuan: Poster Tue Qi, Guo-Jun: Poster Tue Qi, Xiaojuan: Poster Tue Qi, Yi: Poster Thu Qian, Xiaoning: Poster Tue Qiao, Jie: Poster Wed Qiao, Xingye: Poster Thu Qin, LIANHUI: Poster Wed Qin, Zhiwei: Demonstration Wed in Wed Demonstrations Qin, Tao: Poster Tue, Poster Thu Qu, Zhi: Poster Tue **Qureshi, Faisal**: Poster Tue Raboh, Moshiko: Poster Thu Raducanu, Bogdan: Poster Tue Radul, Alexey: Poster Wed Rae, Jack: Poster Tue, Poster Wed Raetsch, Gunnar: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Raffel, Colin: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu Raghothaman, Mukund: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Raghu, Maithra: Poster Wed Raghu, Aniruddh: Poster Wed Raghunathan, Aditi: Poster Tue Raginsky, Maxim: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed Rahimzamani, Arman: Poster Wed Raiman, Jonathan: Workshop Sat in None Rainforth, Tom: Poster Thu, Workshop Fri in Rajotte, Simon: Poster Wed Rakitsch, Barbara: Poster Thu

Ramabhadran, Bhuvana: Workshop

Sat in None Ramadan, Osman: Demonstration Wed in Wed Demonstrations Ramakrishnan, Sainandan: Poster Ramaswamy, Harish: Poster Thu Ramos, Fabio: Oral Thu in Thu Track 1 -- Session 1, Poster Thu, Workshop Rezaei, Ashkan: Poster Thu Fri in None Rana, Santu: Poster Thu Rangan, Sundeep: Poster Wed Rangapuram, Syama Sundar: Poster Thu Ranzato, Marc'Aurelio: Tutorial Mon in Tutorials Session 2 Raposo, David: Poster Tue Thu Rashwan, Abdullah: Poster Thu Raskar, Ramesh: Poster Thu Rauber, Jonas: Poster Thu Ravanelli, Mirco: Workshop Sat in None Ravi, Gummadi: Poster Tue Ravi, S: Poster Tue Ravi, Sachin: Workshop Sat in Ravi, Sujith: Workshop Fri in None Ravikumar, Pradeep: Poster Tue, Poster Wed, Spotlight Wed in Wed Track 2 -- Session 2, Poster Thu Raviprakash, Nitya: Demonstration Tue in Tue Demonstrations Rawat, Rahul: Demonstration Wed in Wed Demonstrations Rawat, Yogesh: Poster Tue Ray, Surjyendu: Poster Thu Raykova, Mariana: Workshop Sat in None

Razavivavn, Meisam: Poster Tue Reale, Christopher: Poster Tue Recht, Benjamin: Poster Wed Reddi, Sashank: Poster Wed Reddy, Sid: Poster Tue Reddy, Gautam: Poster Wed Redko, levgen: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed Reeb, David: Poster Thu

Reed, Scott: Poster Wed Regan, Kevin: Poster Thu Regier, Jeffrey: Poster Tue, Oral Wed in Wed Track 3 -- Session 2, Poster Wed

Reimer, Jacob: Poster Tue Reingold, Omer: Poster Wed Remy, Sekou: Demonstration Tue in Tue Demonstrations

Ren, Xiang: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Ren, Fei: Poster Tue Ren, Wengi: Poster Wed Ren, Hongyu: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue, Renggli, Cedric: Poster Thu

Rennie, Steven: Poster Tue Resende Borges, Guilherme: Poster

Restelli, Marcello: Oral Wed in Wed Track 1 -- Session 2, Poster Wed

Reynolds, Max: Demonstration Wed in Wed Demonstrations

Riano, Lorenzo: Demonstration Tue in Tue Demonstrations

Richards, Blake: Poster Thu Richardson, Eitan: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed

Richardt, Christian: Poster Tue Richtarik, Peter: Poster Wed, Poster

Ricks, Daniel: Workshop Sat in None Ridgeway, Karl: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue, Poster Thu

Riedmiller, Martin: Workshop Sat in None

Riemer, Matthew: Poster Wed Ring, Mark: Workshop Fri in None Risteski, Andrej: Poster Wed Ritchie, Daniel: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Ritter, Hippolyt: Poster Thu Rivasplata, Omar: Poster Wed Rivasplata, Omar: Tutorial Mon in

Tutorials Session 3 Roberts, Nicholas: Poster Wed

Roberts, Adam: Workshop Sat in

Robin, Geneviève: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Robinson, Daniel: Poster Wed Rocco, Ignacio: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Rocke, David: Poster Tue Rockova, Veronika: Poster Thu Rocktäschel, Tim: Poster Tue Rodriguez Sanchez, Rafael: Poster

Rodríguez López, Pau: Poster Tue Roff, Heather: Poster Wed Rogers-Lee, John: Poster Wed

Rohde, Dennis: Poster Wed Rohe, Karl: Poster Thu

Rohekar, Raanan: Poster Thu Rohekar, Raanan: Poster Thu Rohrbach, Anna: Poster Tue Rolinek, Michal: Poster Tue Rolland, Paul: Spotlight Thu in Thu

Track 2 -- Session 1, Poster Thu Rolnick, David: Poster Wed

Romera-Paredes, Bernardino: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Rompf, Tiark: Poster Wed Rong, Yu: Poster Tue Rong, Jing: Poster Wed, Poster Thu

Ronneberger, Olaf: Spotlight Wed in Wed Track 2 -- Session 1, Poster

Roosta-Khorasani, Farbod: Poster

Rosasco, Lorenzo: Poster Tue, Poster Wed, Spotlight Thu in Thu Track 1 --Session 1, Poster Thu

Rosenblatt, Gregory: Poster Tue Rosman, Benjamin: Poster Wed Ross, Andrew: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu Rosset, Saharon: Poster Wed

Roth, Stefan: Poster Tue Roth, Dan: Poster Wed

Roth, Aaron: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Rothblum, Guy: Poster Wed Rotskoff, Grant: Poster Wed Rouar, Julien: Poster Thu

ROUAT, Jean: Demonstration Wed in Wed Demonstrations

Roughgarden, Tim: Oral Thu in Thu Track 3 -- Session 1, Poster Thu

Roulet, Vincent: Poster Thu Rowland, Mark: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Roy, Binz: Poster Tue Roy, Daniel: Poster Wed Roy, Nicholas: Poster Thu

Rubanova, Yulia: Oral Tue in Tue Track 2 -- Session 2, Poster Tue

Rudi, Alessandro: Poster Tue, Poster Wed, Spotlight Thu in Thu Track 1 --Session 1, Poster Thu

Rudra, Atri: Poster Tue Runkler, Thomas: Poster Thu Rush, Alexander: Poster Tue Russell, Rebecca: Poster Tue Russell, Stuart: Poster Wed, Poster

Russell, Stuart: Poster Wed Rustad, James: Workshop Fri in

Ryali, Chaitanya: Poster Tue, Poster

Rvu, MK: Poster Tue

Ré, Christopher: Poster Tue, Workshop Sat in None

Sabato, Sivan: Poster Wed Saberi, Amin: Poster Thu Sabharwal, Ashish: Poster Tue Sablé-Meyer, Mathias: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Sabourin, Anne: Poster Wed Sabuncu, Mert: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Sachan, Mrinmaya: Poster Wed Sachan, Devendra: Poster Wed Sachdeva, Saarthak: Demonstra-

tion Wed in Wed Demonstrations Sachidananda, Vin: Poster Wed Sacks, Jacob: Poster Thu Sacramento, João: Oral Tue in Tue Track 1 -- Session 1, Poster Tue Sadeqi Azer, Erfan: Poster Thu Sadigh, Dorsa: Poster Wed Saenko, Kate: Poster Tue **Safavi, Sam**: Poster Thu Saglietti, Luca: Poster Thu

Sahani, Maneesh: Poster Wed, Poster Thu

Saidi, Wissam: Poster Tue Sajjadi, Mehdi S. M.: Poster Wed Sala, Frederic: Workshop Sat in

Salaj, Darjan: Poster Wed

Salakhutdinov, Ruslan: Poster Tue, Poster Wed, Poster Thu

Salehi, Farnood: Poster Wed Salehi, Fariborz: Poster Thu Salimbeni, Hugh: Poster Wed, Poster Thu

Salzo, Saverio: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Samadi, Samira: Poster Tue Samaras, Dimitris: Poster Tue Sanborn, Adam: Poster Thu Sandholm, Tuomas: Poster Tue, Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed, Poster Thu

Sangkloy, Patsorn: Poster Thu Sanjabi, Maziar: Poster Tue

Sankaranarayanan, Karthik: Poster

Sankaranarayanan, Swami: Poster

Sankhagowit, Peter: Poster Tue Sanner, Scott: Poster Wed Santissi, Yaz: Demonstration Tue in Tue Demonstrations

Santoro, Adam: Poster Tue, Poster

Santurkar, Shibani: Spotlight Tue in Tue Track 3 -- Session 2, Oral Tue in Tue Track 2 -- Session 2, Poster Tue

Saparbayeva, Bayan: Poster Thu Sarigiannis, Dimitrios: Poster Tue Sarkar, Purnamrita: Poster Wed, Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu

Sarkar, Vivek: Poster Tue Sarkar, Subrata: Poster Wed Sarkar, Soumik: Poster Wed Sarkka, Simo: Poster Thu

Sarlos, Tamas: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Sass Hansen, Michael: Demonstration Tue in Tue Demonstrations

Sastry, Shankar: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Sato, Issei: Poster Wed

Sattigeri, Prasanna: Poster Tue Savarese, Silvio: Poster Wed, Workshop Sat in None

Scaman, Kevin: Poster Tue, Oral Thu in Thu Track 3 -- Session 2, Poster Thu **Scaman, Kevin**: Spotlight Thu in Thu

Track 1 -- Session 1, Poster Thu

Scarlett, Jonathan: Spotlight Wed

in Wed Track 2 -- Session 2, Poster Wed

Schapire, Robert: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Scheichl, Robert: Poster Thu Scherrer, Bruno: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Schiele, Bernt: Poster Tue
Schlag, Imanol: Poster Tue
Schlegel, Matthew: Poster Wed
Schmid, Cordelia: Poster Tue

Schmidhuber, Jürgen: Poster Tue, Oral Wed in Wed Track 1 -- Session 2, Poster Wed

Schmidt, Mark: Poster Thu **Schmidt, Ludwig**: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Schmidt, Florian: Poster Thu Schmidt, Frank: Poster Tue Schneider, Jon: Poster Wed

Schneider, Jeff: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Schniter, Philip: Poster Wed Schoenlieb, Carola: Poster Tue Schroff, Florian: Poster Tue Schulam, Peter: Workshop Sat in

Schulam, Peter: Workshop Sat in None

Schulz, Hannes: Poster Thu **Schuurmans, Dale**: Oral Thu in Thu
Track 1 -- Session 2, Poster Thu

Schwab, David: Poster Wed Schwartz, Eli: Spotlight Wed in Wed Track 2 – Session 1, Poster Wed

Schwiegelshohn, Chris: Spotlight Wed in Wed Track 3 -- Session 2,

Schwing, Alexander: Poster Tue, Poster Wed, Poster Thu

Schölkopf, Bernhard: Poster Wed, Poster Thu

Schön, Thomas: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Schütt, Heiko H.: Poster Thu Schütt, Kristof: Workshop Sat in None

Scott, Tyler: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Sculley, D.: Workshop Fri in None

Seeger, Matthias: Poster Thu

Segal, Eran: Poster Tue

Sejdinovic, Dino: Poster Wed, Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu

Sejnowski, Terrence: Poster Wed **Sekhari, Ayush**: Poster Wed

Seldin, Yevgeny: Poster Thu

Selman, Bart: Poster Thu **Semberecki, Piotr**: Poster Tue

Sen, Subhabrata: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed

Sen, Siddhartha: Workshop Fri in

Senanayake, Ransalu: Workshop Fri in None

Sener, Ozan: Poster Tue, Poster Wed Sengupta, Anirvan: Poster Thu

Senn, Walter: Oral Tue in Tue Track 1
-- Session 1, Poster Tue

Sensoy, Murat: Poster Tue

Seo, Seokin: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Sepassi, Ryan: Poster Tue

Serdyuk, Dmitriy: Workshop Sat in None

Sergeev, Alex: Poster Tue

Serre, Thomas: Poster Tue **Seshia, Saniit**: Poster Wed

Sevekari, Anish Prasad: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu

Sha, Fei: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed

Shafahi, Ali: Poster Wed

Shafieezadeh Abadeh, Soroosh: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Shah, Sameena: Workshop Fri in

Shah, Julie: Poster Tue

Shah, Syed Afaq Ali: Poster Tue

Shah, Mubarak: Poster Tue **Shah, Harshil**: Poster Wed

Shah, Devavrat: Poster Wed

Shah, Ankit: Poster Tue **Shah, Virag**: Poster Thu

Shahrampour, Shahin: Poster Thu

Shalev, Gabi: Poster Tue

Shalit, Uri: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu

Shamir, Ohad: Poster Wed

Shamout, Farah: Workshop Sat in None

Shankar, Shreya: Poster Tue

Shanmugam, Karthikeyan: Poster Tue, Poster Wed

Shann, Tzu-Yun: Poster Wed

Shao, Han: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Sharan, Vatsal: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Poster Thu

Shariff, Roshan: Poster Thu

Sharma, Aabhas: Demonstration Tue in Tue Demonstrations

Sharma, Abhishek: Poster Tue **Sharma, Anuj**: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Shavitt, Ira: Poster Tue

Shawe-Taylor, John: Tutorial Mon in Tutorials Session 3, Poster Tue, Poster Wed

Shazeer, Noam: Poster Tue, Poster

Sheffet, Or: Poster Thu

Sheldon, Daniel: Poster Tue, Poster Wed. Poster Thu

Shen, Jonathan: Poster Tue **Shen, Xiaoyong**: Poster Tue

Shen, Peiyi: Poster Tue

Shen, Xiaohui: Poster Tue

Shen, Dinghan: Spotlight Tue in Tue Track 2 -- Session 1, Poster Tue, Poster Wed

Shen, Li: Poster Wed

Shen, Yuanyuan: Oral Tue in Tue Track 2 -- Session 1, Poster Tue

Shen, Haifeng: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Shen, Tiancheng: Poster Tue

Shen, Yelong: Poster Wed **Sherman, Eli**: Spotlight Thu in Thu

Track 2 -- Session 1, Poster Thu **Sheth, Rishit**: Poster Wed

Shetty, Rakshith: Poster Tue **Shi, Jianping**: Poster Tue, Poster
Wed

Shi, Zuoqiang: Poster Tue **Shi, Jiaxin**: Poster Thu

Shim, Hajin: Poster Wed
Shin, Jinwoo: Poster Tue, Spotlight
Thuis Thu Track 2 - Session 2 Spot

Thu in Thu Track 3 -- Session 2, Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Shin, Richard: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Shin, Sungho: Poster Tue

Shivkumar, Shashank: Poster Thu

Shivkumar, Sabyasachi: Oral Tue in Tue Track 1 -- Session 2, Poster Tue

Shlens, Jon: Poster Tue **Shojaie, Ali**: Poster Thu

Shou, Zheng: Poster Tue

Shpitser, Ilya: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu

Shrestha, Sumit: Poster Tue

Shrivastava, Anshumali: Poster Tue

Shrivastava, Harsh: Poster Thu

Shtok, Joseph: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Shu, Rui: Poster Tue, Poster Wed

Si, Si: Poster Tue

Si, Xujie: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Sidford, Aaron: Poster Wed, Poster Thu

Sievert, Scott: Poster Wed **Sigal, Leonid**: Poster Tue

Silva, Ricardo: Poster Thu Silver, David: Poster Wed

Silver, David: Workshop Fri in None

Simchi-Levi, David: Poster Tue Simhadri, Harsha Vardhan: Poster

Tue

Simon, Noah: Poster Thu

Simonyan, Karen: Poster Tue, Poster

Wed

Simsekli, Umut: Poster Tue **Singer, Yaron**: Poster Wed **Singh, Bharat**: Poster Tue

Singh, Aarti: Poster Wed, Poster Thu

Singh, Vikas: Poster Tue

Singh, Karan: Oral Tue in Tue Track 3

-- Session 1, Poster Tue **Singh, Avi**: Poster Wed

Singh, Mohit: Poster Tue **Singh, Satinder**: Poster Tue, Poster

Wed, Workshop Fri in None **Singh, Shashank**: Poster Thu **Singh, Manish**: Poster Thu

Singh, Rishabh: Poster Tue

Singh, Gagandeep: Poster Tue **Singh, Maneesh**: Poster Tue

Singla, Adish: Poster Tue, Poster Wed, Poster Thu

Sinha, Aman: Poster Tue **Sinz, Fabian**: Poster Tue **Sisson, Scott**: Poster Thu

Sivic, Josef: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed

Slavković, Aleksandra: Poster Wed **Sminchisescu, Cristian**: Spotlight Wed in Wed Track 2 -- Session 1,

Poster Wed **Smith, Linda**: Poster Thu

Smith, Kevin: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed, Workshop Fri in None

Smith, Adam: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Smith, Edward: Poster Tue Smith, Adam: Poster Thu

Snavely, Noah: Oral Thu in Thu Track

2 -- Session 2, Poster Thu **Snell, Jake**: Poster Thu

Snyder, Lawrence: Poster Wed **Sohl-Dickstein, Jascha**: Poster Tue,

Sohler, Christian: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed

Sohn, Sungryull: Poster Thu

Sohn, Kwanghoon: Spotlight Wed in Wed Track 2 -- Session 1, Poster

Sojoudi, Somayeh: Poster Wed, Spotlight Wed in Wed Track 3 -- Session 2

Solar-Lezama, Armando: Poster Tue, Poster Wed, Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu

Soleymani, Sobhan: Poster Tue

Solin, Arno: Poster Thu

Soma, Tasuku: Spotlight Thu in Thu

Track 3 -- Session 1, Poster Thu Somani, Raghav: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Song, Yun: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Song, Mingli: Poster Thu Song, Guocong: Poster Tue Song, Dawn: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Song, Yang: Poster Wed Song, Yangqiu: Poster Wed Song, Jiaming: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue, Poster Wed Song, Le: Poster Tue, Spotlight Tue in Tue Track 1 -- Session 2, Poster Wed, Spotlight Thu in Thu Track 2 --Session 2, Poster Thu Song, Yibing: Poster Tue Song, Dawn: Poster Tue Sontag, David: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu Sordoni, Alessandro: Poster Tue, Workshop Sat in None Soudry, Daniel: Poster Tue, Poster Thu, Spotlight Thu in Thu Track 2 -- Session 2 Spantini, Alessio: Poster Thu Spence, Jeffrey: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Spiegelhalter, David: Invited Talk (Breiman Lecture) Thu in Thu Invited Sprechmann, Pablo: Poster Wed Spurek, Przemysław: Poster Thu Squires, Chandler: Poster Thu Sra, Suvrit: Tutorial Mon in Tutorials Session 2, Poster Wed, Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Srebro, Nati: Poster Wed, Poster Thu, Spotlight Thu in Thu Track 3 -- Session 2

Sridharan, Karthik: Poster Wed Srinivas, Aravind: Workshop Fri in Srinivasa, Siddhartha: Workshop

Fri in None Srinivasa, Siddhartha: Demonstration Wed in Wed Demonstrations Srinivasan, Aravind: Poster Tue Srinivasan, Siddarth: Poster Thu Srinivasan, Sriram: Poster Wed Srivastava, Akash: Poster Tue Srivastava, Shashank: Workshop Sat in None Stadie, Bradly: Poster Tue Stadie, Bradly: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Srikant, R.: Poster Wed

None

Stafford Noble, William: Poster Tue, Poster Wed

Stamos, Dimitris: Poster Thu Stanley, Jay: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Stanley, Kenneth: Poster Wed Steger, Angelika: Poster Thu Stein, Andrew: Demonstration Tue in Tue Demonstrations

Steinhardt, Jacob: Poster Tue, Workshop Fri in None

Steinke, Thomas: Poster Thu Stella, Lorenzo: Poster Thu **Stemmer, Uri**: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue,

Stern, Mitchell: Poster Wed, Oral Wed in Wed Track 3 -- Session 2

Stewart, Walter: Poster Tue Stewart, Alistair: Spotlight Wed in Wed Track 3 -- Session 1, Poster Wed

Stich, Sebastian: Poster Wed Storcheus, Dmitry: Poster Thu Storkey, Amos: Poster Tue

Strathmann, Heiko: Workshop Sat

Stratiychuk, Dmitry: Demonstration Wed in Wed Demonstrations

Strouse, Daniel: Poster Wed Strub, Florian: Workshop Fri in

Struminsky, Kirill: Poster Wed Struski, Łukasz: Poster Thu Studer, Christoph: Poster Tue, Poster Wed

Su, Shih-Yang: Poster Wed Su, Hao: Poster Thu Su, Shupeng: Poster Tue Su, Jian: Poster Tue

Subramanian, Sandeep: Poster Tue Subramanian, Dharmashankar: Spotlight Wed in Wed Track 2 -- Ses-

sion 2, Poster Wed Subramoney, Anand: Poster Wed

Suciu, Octavian: Poster Wed Suggala, Arun: Poster Thu Sugiyama, Masashi: Poster Tue,

Poster Wed, Poster Thu, Spotlight Thu in Thu Track 1 -- Session 2

Sugiyama, Mahito: Spotlight Wed in Wed Track 3 -- Session 2, Poster

Suh, Changho: Poster Wed Sullivan, Tim: Poster Thu Sun, Yuejiao: Poster Wed Sun, Ziteng: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Sun, Haitian: Poster Thu Sun, Ruoyu: Poster Wed

Sun, Tao: Poster Wed, Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Sun, Ke: Poster Thu Sun. Yu: Poster Tue Sun, Gang: Poster Wed Sun, Qingyun: Poster Tue Sun, Mingchao: Poster Tue sun, peng: Poster Tue

Sun, Wei: Poster Wed Sun, Wen: Poster Wed Sun, Zhenan: Poster Tue Sun, Shuyang: Poster Tue Sun, Yitong: Poster Thu Sun, Qi: Poster Thu Sun, Jian: Poster Tue Sun, Maosong: Poster Thu Sun, Ming: Poster Tue Sun, Jimeng: Poster Tue Sundaramoorthi, Ganesh: Poster Wed Sung, Minhyuk: Poster Thu Sung, Wonyong: Poster Tue Suresh, Ananda Theertha: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Poster Wed Sussillo, David: Poster Tue Suter, Christopher: Poster Wed Sutherland, Dougal: Poster Tue Sutskever, Ilya: Poster Tue Sutton, Charles: Poster Tue

Sun, Shiliang: Poster Wed

Suver, Kyle: Poster Tue Suwajanakorn, Supasorn: Oral Thu in Thu Track 2 -- Session 2, Poster Thu Suzuki, Taiji: Poster Thu

Svitkina, Zoya: Poster Wed Swersky, Kevin: Workshop Sat in None

Sylvain, Tristan: Workshop Sat in None

Synnaeve, Gabriel: Poster Wed Syrgkanis, Vasilis: Workshop Fri in

Szepesvari, Csaba: Poster Wed, Poster Thu

Tabor, Jacek: Poster Thu Tacchetti, Andrea: Poster Tue Taherkhani, Fariborz: Poster Tue Tahmasbi, Ashraf: Poster Wed Takac, Martin: Poster Wed Talwalkar, Ameet: Poster Tue

Talwar, Kunal: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Tamar, Aviv: Poster Wed Tan, Xu: Poster Tue

Tan, Xu: Poster Tue Tan, Tieniu: Poster Tue Tan, Mingkui: Poster Thu Tan. Shawn: Poster Wed Tan, Conghui: Poster Wed Tang, Hanlin: Poster Thu Tang, Ke: Poster Wed Tang, Liang: Poster Tue

Tang, Jinhui: Poster Tue Tang, Jie: Poster Thu

Tang, Duyu: Poster Tue

Tang, Xiaocheng: Demonstration Wed in Wed Demonstrations

Tang, Ziyang: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Tang, Jungi: Poster Wed Tang, Kai-Fu: Poster Wed Tang, Cheng: Poster Thu Tang, Qiankun: Poster Tue

Tantipongpipat, Uthaipon: Poster Tue, Poster Wed

Tao, Guanhong: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Tao, Chenyang: Poster Wed Tao, Dacheng: Poster Thu Tao, Andrew: Poster Tue Tao, Xin: Poster Tue

Tao, Yunzhe: Poster Tue, Poster Thu

Tao, Min: Poster Wed Tao, Dacheng: Poster Tue

Tardos, Eva: Workshop Fri in None

Tarokh, Vahid: Poster Thu Tartaglione, Enzo: Poster Wed

Tatbul, Nesime: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Tavallali, Pooya: Poster Wed

Tay, Yi: Poster Tue

Tay, Wendy: Demonstration Tue in Tue Demonstrations, Workshop Sat in None

Taylor, Gavin: Poster Tue Tedrake, Russ: Poster Tue Teh, Yee: Workshop Fri in None

Teh, Yee Whye: Poster Tue, Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed, Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu, Workshop Fri in

Telgarsky, Matus: Spotlight Tue in Tue Track 1 -- Session 1, Poster Tue

Temme, Carlos R. M.: Poster Thu Tenenbaum, Josh: Poster Tue,

Spotlight Tue in Tue Track 1 -- Session 2, Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed, Poster Thu, Spotlight Thu in Thu Track 2 -- Session 2, Oral Thu in Thu Track 2 --Session 2, Workshop Fri in None

Teng, Michael: Poster Tue Tennenholtz, Moshe: Poster Wed Teplyashin, Denis: Poster Wed Tepper, Mariano: Poster Thu

Terada, Yu: Poster Wed

Tesauro, Gerald: Poster Tue, Poster Wed

Tewari, Ambuj: Poster Thu Teymur, Onur: Poster Thu

Thakkar, Om Dipakbhai: Oral Tue in Tue Track 3 -- Session 2, Poster Tue

Thekumparampil, Kiran: Spotlight Tue in Tue Track 2 -- Session 2, Poster

Theocharous, Georgios: Poster Wed Thewlis, James: Poster Tue Thiele, Lothar: Poster Tue Thiran, Patrick: Poster Wed

Thodoroff, Pierre: Poster Wed Thomas, Anna: Poster Tue Thomas, Vincent: Poster Wed THOME, Nicolas: Poster Tue Throckmorton, Chandra: Poster Wed Thune, Tobias: Poster Thu Tian, Fei: Poster Thu Tian, Yonghong: Poster Tue TIAN, TIAN: Poster Thu Ting, Daniel: Poster Thu Ting, Paishun: Poster Tue, Poster Wed Tirinzoni, Andrea: Poster Wed, Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Tirthapura, Srikanta: Poster Wed Tiwari, Ashish: Poster Wed Tobar, Felipe: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Toderici, George: Poster Thu Tolias, Andreas: Poster Tue Tompkin, James: Poster Tue Tompson, Jonathan: Oral Thu in Thu Track 2 -- Session 2, Poster Thu Tong, Amo: Poster Wed Tong, Schrasing: Spotlight Tue in Tue Track 2 -- Session 1, Poster Tue Topcu, Ufuk: Poster Wed Torii, Akihiko: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Torr, Philip: Poster Tue Torr, Philip: Poster Thu Torralba, Antonio: Poster Thu Torralba, Antonio: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Torres, Dustin Ramsey: Demonstration Tue in Tue Demonstrations Torresani, Lorenzo: Poster Thu Tosh, Christopher: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu Toussaint, Marc: Workshop Fri in None, Workshop Sat in None Tramer, Florian: Workshop Fri in Tran. Brandon: Poster Wed Tran, Dustin: Poster Tue, Poster Wed, Poster Thu Tran, Truyen: Poster Tue Tran, Du: Poster Thu Tran Dinh, Quoc: Poster Wed Tranos, Damianos: Oral Wed in Wed Track 1 -- Session 1, Poster Wed Trask, Andrew: Poster Wed Tremblay, Jordan Prince: Demonstration Wed in Wed Demonstrations **Trimponias, Georgios**: Poster Thu

Trivedi, Shubhendu: Poster Tue Trulls, Eduard: Poster Tue Trzcinski, Tomasz: Poster Tue Tsakiris, Manolis: Poster Wed Tsang, Michael: Poster Tue Tsang, Ivor: Poster Tue Tschannen, Michael: Poster Thu Tschiatschek, Sebastian: Poster Tse, David: Poster Tue, Poster Wed Tsipras, Dimitris: Spotlight Tue in Tue Track 3 -- Session 2, Oral Tue in Tue Track 2 -- Session 2, Poster Tue Tsourakakis, Babis: Poster Wed Tsubaki, Masashi: Poster Wed Tsuda, Koji: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed Tsuzuku, Yusuke: Poster Wed Tu, Stephen: Poster Wed Tu, Chun-Chen: Poster Tue Tu, Changhe: Poster Tue Tucker, George: Oral Thu in Thu Track 1 -- Session 2, Poster Thu Tulyakov, Stepan: Poster Tue Tumer, Kagan: Poster Wed Tuo, Rui: Poster Wed Turkaslan, Ilker: Poster Thu Turner, Richard: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed, Poster Thu Tutunov, Rasul: Poster Wed Tuyls, Karl: Poster Tue, Poster Wed Tüske, Zoltán: Poster Tue Udell, Madeleine: Poster Thu, Spotlight Thu in Thu Track 3 -- Session 2 Udwani, Rajan: Poster Wed Uhler, Caroline: Poster Thu Ullah, Md Enayat: Poster Thu Ullman, Jonathan: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue, Poster Thu Umenberger, Jack: Spotlight Thu in Thu Track 1 -- Session 2, Poster Thu **Upadhyay, Utkarsh**: Poster Wed **Upadhyay, Jalaj**: Poster Wed Uppal, Ananya: Poster Thu Urban, Josef: Poster Wed Uribe, Cesar: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Urtasun, Raquel: Poster Tue Usunier, Nicolas: Poster Tue, Poster Uszkoreit, Jakob: Poster Wed Vafeias, Stathis: Poster Tue Vahdat, Arash: Poster Tue Vaillancourt, David: Poster Tue Valera, Isabel: Poster Tue, Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu Valiant, Gregory: Poster Thu Valiant, Gregory: Spotlight Tue in

Poster Thu Wed Poster Thu Sat in None Wed Wed Poster Thu Poster Thu Vidal, Rene: Poster Wed Viegas, Evelyne: Workshop Sat in

Tue Track 3 -- Session 2, Poster Tue Vihola, Matti: Spotlight Thu in Thu Valko, Michal: Poster Thu Track 2 -- Session 1, Poster Thu Valkov, Lazar: Poster Tue Vincent, Pascal: Poster Tue van Biljon, Elan: Poster Wed Vinyals, Oriol: Poster Tue van de Weijer, Joost: Poster Tue, Virmaux, Aladin: Poster Tue Van den Broeck, Guy: Oral Wed in Vishnoi, Nisheeth: Poster Thu Wed Track 2 -- Session 2, Poster Wed Vishwanath, Sriram: Poster Thu van den Oord, Aaron: Poster Tue Viswanath, Pramod: Poster Wed van der Schaar, Mihaela: Poster Thu Vitale, Fabio: Poster Thu van der Schaar, Mihaela: Poster Viégas, Fernanda: Tutorial Mon in **Tutorials Session 1** van der Wilk, Mark: Poster Wed Vlassis, Nikos: Poster Wed Van Durme, Benjamin: Poster Thu Voinea, Stephen: Poster Tue van Gerven, Marcel: Poster Thu Vojnovic, Milan: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu van Hasselt, Hado: Poster Wed van Merrienboer, Bart: Poster Wed, Volpi, Riccardo: Poster Wed Spotlight Thu in Thu Track 1 -- Sesvon Luxburg, Ulrike: Poster Tue, sion 1, Poster Thu Poster Thu van Ommen, Thijs: Poster Thu Vondrak, Jan: Spotlight Wed in Wed Van Roy, Benjamin: Poster Wed, Track 3 -- Session 1, Poster Wed Vorobev, Aleksandr: Poster Thu Vanden-Eijnden, Eric: Poster Wed Voroninski, Vlad: Oral Tue in Tue Track 3 -- Session 1, Poster Tue Vanschoren, Joaquin: Tutorial Mon in Tutorials Session 3, Workshop Vvas, Nikhil: Poster Tue Vértes, Eszter: Poster Thu Variani, Ehsan: Workshop Sat in Wadhawan, Kahini: Poster Tue Waggoner, Bo: Spotlight Tue in Tue Varma, Manik: Poster Thu Track 3 -- Session 2, Poster Tue, Spot-Varma, Paroma: Workshop Sat in light Wed in Wed Track 1 -- Session 1, Poster Wed Vasanawala, Shreyas: Poster Tue Wai, Hoi-To: Poster Wed, Spotlight Thu in Thu Track 3 -- Session 2, Vassilvitskii, Sergei: Poster Wed Poster Thu Vasudevan, Srinivas: Poster Wed Wainwright, Martin: Poster Thu Vaswani, Ashish: Poster Tue Walker, Edgar: Poster Tue Vattani, Andrea: Poster Thu Walker, Stephen: Poster Thu Vazquez-Chanlatte, Marcell: Poster Wang, Fei: Poster Wed Vechev, Martin: Poster Tue, Oral Tue Wang, Dilin: Poster Wed, Oral Thu in Tue Track 3 -- Session 2 in Thu Track 2 -- Session 1, Poster Thu Vedaldi, Andrea: Poster Tue, Poster Wang, Naigang: Poster Tue Wang, Jingdong: Poster Wed Veerabadran, Vijay: Poster Tue Wang, Hongning: Poster Thu Veloso, Manuela: Workshop Fri in Wang, Xiangning: Poster Wed Wang, Di: Poster Wed Vempala, Santosh: Poster Tue, Wang, Boyu: Poster Tue Wang, Weiping: Poster Thu Vemuri, Baba: Poster Tue Wang, Lingfeng: Poster Tue Veneroni, Marco: Poster Thu Wang, Yifan: Poster Wed Venkatesh, Svetha: Poster Tue, Wang, Oliver: Poster Thu Wang, Shuai: Poster Tue Ver Steeg, Greg: Poster Thu Wang, Junle: Poster Thu Verdu, Sergio: Poster Wed Wang, Ziyu: Spotlight Wed in Wed Vershynin, Roman: Oral Tue in Tue Track 1 -- Session 2, Poster Wed Track 1 -- Session 1, Poster Tue Wang, Mengdi: Poster Wed, Poster Versteeg, Philip: Poster Thu Vert, Jean-Philippe: Poster Thu Wang, Songtao: Poster Tue Vetrov, Dmitry: Spotlight Tue in Tue Wang, Zhe: Spotlight Thu in Thu Track 2 -- Session 2, Poster Tue Track 3 -- Session 2, Poster Thu Vicol. Paul: Poster Tue

Wang, Lingxiao: Poster Tue

wang, yaxing: Poster Tue

Wang, Guangrun: Poster Tue

Trinh, Khoa: Poster Tue

shop Sat in None

Tripuraneni, Nilesh: Oral Wed in

Wed Track 3 -- Session 2, Poster Wed

Trischler, Adam: Poster Tue, Work-

Wang, Wenhan: Poster Tue Wang, Wenbo: Poster Thu Wang, Y. X. Rachel: Poster Wed Wang, Jianmin: Poster Tue Wang, Chenxi: Demonstration Wed in Wed Demonstrations Wang, Jialei: Poster Tue, Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Wang, Han: Poster Tue Wang, Yi: Poster Tue Wang, Yuyang: Poster Thu Wang, Ziyan: Poster Tue Wang, Yining: Poster Wed, Poster Wang, Shengjie: Poster Thu Wang, Wenlin: Poster Tue Wang, Hongyi: Poster Wed Wang, Yuhao: Poster Thu Wang, Joshua: Oral Thu in Thu Track 3 -- Session 1, Poster Thu Wang, Jun: Poster Tue Wang, Xinjiang: Poster Tue Wang, Yilin: Poster Wed Wang, Qilong: Poster Tue Wang, Xiaojie: Poster Tue Wang, Tongzhou: Poster Thu Wang, Siwei: Poster Thu Wang, Jane: Workshop Sat in Wang, Mianzhi: Poster Thu Wang, Yu-Chiang Frank: Poster Tue Wang, Xiao: Poster Wed Wang, Xiaojie: Poster Tue Wang, Ting-Chun: Poster Tue Wang, Stephanie: Poster Wed Wang, Peiqi: Poster Tue Wang, Elias: Poster Tue Wang, Qing: Poster Tue Wang, Liwei: Poster Tue, Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Wang, Xinshang: Poster Tue Wang, Dongsheng: Poster Tue Wang, Shusen: Poster Thu Wang, Jun-Kun: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed Wang, Guoyin: Poster Wed Wang, Fei: Poster Thu Wang, Xiaogang: Poster Tue Wang, Jianhong: Poster Thu Wang, Xiaoyu: Poster Thu Wang, Zi: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed Wang, Yanshu: Poster Tue Wang, Dong: Poster Tue WANG, Jun: Poster Thu Wang, Menghan: Poster Tue

Wang, Xinchao: Poster Thu

Wang, Zhangyang: Spotlight Tue in

Wang, Tong: Poster Thu

Tue Track 3 -- Session 1, Poster Tue, Track 3 -- Session 2, Poster Tue Poster Thu Whitehouse, Justin: Poster Tue Wang, Yunhai: Poster Tue Whittington, James: Oral Tue in Tue Wang, Bao: Poster Tue Track 1 -- Session 2, Poster Tue Wang, Zhengyang: Poster Tue Wichmann, Felix A.: Poster Thu Wang, Yunhe: Poster Tue Wieder, Udi: Poster Thu Wang, Shiqi: Poster Tue Wierstra, Daan: Poster Tue Wang, Quan: Poster Tue Wijmans, Erik: Workshop Fri in Wangni, Jianqiao: Poster Tue Wild, Cody: Workshop Sat in None WARLOP, Romain: Poster Wed Willcox, Karen: Spotlight Thu in Thu Warmuth, Manfred: Spotlight Wed Track 1 -- Session 2, Poster Thu in Wed Track 3 -- Session 1, Poster Wed Williams, Jason: Workshop Fri in None Wattenberg, Martin: Tutorial Mon Williamson, Robert: Spotlight Wed in Tutorials Session 1 in Wed Track 1 -- Session 1, Spotlight Watters, Nicholas: Spotlight Wed in Wed in Wed Track 3 -- Session 1, Wed Track 1 -- Session 2, Poster Wed Poster Wed Wayne, Gregory: Poster Wed Williamson, Sinead: Workshop Fri Webb, Stefan: Poster Thu in None Weber, Theophane: Poster Tue, Wilson, Duncan: Poster Thu Poster Wed Wilson, Andrew: Workshop Fri in Wei, Zijun: Poster Tue Wei, Dennis: Spotlight Thu in Thu Wilson, James: Poster Thu Track 3 -- Session 1, Poster Thu Wilson, Andrew: Spotlight Tue in Wei, Wu: Poster Tue Tue Track 2 -- Session 2, Poster Tue, Wei, Chen-Yu: Spotlight Wed in Wed Spotlight Wed in Wed Track 2 -- Ses-Track 1 -- Session 1, Poster Wed sion 2, Poster Wed, Poster Thu Wei, Yunchao: Poster Tue Wiltschko, Alexander: Poster Wed Wei, Ying: Poster Thu Wimalawarne, Kishan: Poster Thu Wei, Xiaohan: Poster Thu Windolf, Charles: Poster Tue Weiler, Maurice: Poster Tue Wintenberger, Olivier: Poster Thu Weinberger, Kilian: Poster Thu Winther, Ole: Poster Tue Weinberger, Kilian: Spotlight Wed Witherden, Freddie: Poster Wed in Wed Track 2 -- Session 2, Poster Wolf, Lior: Poster Tue, Poster Wed **Wolf, Guy**: Spotlight Tue in Tue Track Weiss, Yair: Spotlight Wed in Wed 1 -- Session 2, Poster Tue Track 2 -- Session 2, Poster Wed Wolski, Filip: Spotlight Tue in Tue Weiss, Ron: Poster Tue Track 2 -- Session 2, Poster Tue Weissman, Tsachy: Spotlight Wed in Wolter, Moritz: Poster Tue Wed Track 3 -- Session 2, Poster Wed Wong, Yongkang: Poster Thu Weisz, Justin: Demonstration Wed Wong, Eric: Poster Tue in Wed Demonstrations Wong, Catherine: Poster Thu Welleck, Sean: Poster Thu Wong, Eehern: Poster Tue Weller, Adrian: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed, Woo, Sanghyun: Poster Tue Workshop Sat in None Wood, Frank: Poster Tue, Poster Thu Welling, Max: Poster Tue, Workshop Woodruff, David: Spotlight Wed in Fri in None Wed Track 3 -- Session 1, Poster Wed, Wen, Zheng: Poster Wed Spotlight Wed in Wed Track 3 -- Session 2, Spotlight Thu in Thu Track 1 Wen, Ji-Rong: Poster Thu -- Session 2, Poster Thu Wen, Haiguang: Poster Tue Woodworth, Blake: Poster Wed, Wen, Bihan: Poster Tue Spotlight Thu in Thu Track 3 -- Ses-Wen, Min: Poster Wed sion 2, Poster Thu Weng, Jameson: Poster Wed Worah, Pratik: Poster Wed Weng, Wei-Hung: Spotlight Tue in Wornell, Gregory: Poster Tue Tue Track 2 -- Session 1, Poster Tue Wright, Stephen: Poster Wed Weng, Tsui-Wei: Poster Wed Wright, John: Poster Wed White, Adam: Poster Wed Wu, Rex Yue: Poster Thu White, Martha: Poster Wed, Poster Wu, Jiajun: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue,

White, Tom: Workshop Sat in None

White, Colin: Spotlight Tue in Tue

Fri in None Wu, Fa: Poster Wed Wu, Lei: Poster Wed Wu, Qingyao: Poster Thu Wu, Yan: Poster Wed Wu, Hao: Poster Tue Wu, Xilun: Poster Wed Wu, Xundong: Poster Tue Wu, Dapeng: Poster Tue Wu, Xian: Poster Wed Wu, Mike: Poster Tue Wu, Guanhang: Poster Tue Wu, Lijun: Poster Thu Wu, Wei: Poster Tue Wu, Yue: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Wu, Jianping: Poster Tue wu, qing: Poster Tue Wu, Ying Nian: Poster Tue Wu, Hui: Poster Tue Wu, Yuhuai: Poster Tue Wu, Anqi: Poster Tue Wu, Chenfei: Poster Tue Wu, Zhiwei Steven: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed Wu, Qingyun: Poster Thu Wu. Chenshen: Poster Tue Wu, Weili: Poster Wed Wu, Yonahui: Poster Tue Wu, Yihong: Poster Wed, Spotlight Wed in Wed Track 3 -- Session 2 WU, YI: Poster Thu Wu, Qi: Poster Tue Wydmuch, Marek: Poster Thu Wynen, Daan: Poster Tue Wyner, Abraham: Poster Tue Xia, Shu-Tao: Poster Tue Xia, Yingce: Poster Thu Xia, Yingce: Poster Tue Xia, Lirong: Poster Wed Xiang, Tao: Poster Thu Xiang, Yijian: Poster Thu XIANG, SHIMING: Poster Tue Xiao, Yinxue: Poster Tue Xiao, Chang: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue Xiao, Shuai: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Xiao, Lin: Poster Wed, Poster Thu Xiao, Cao: Poster Tue xiaojie, Yuan: Poster Thu Xie, Yuan: Poster Tue Xie, Tengyang: Poster Wed Xie, Liyan: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Xie, Yao: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue, Spotlight Thu in Thu Track 3 -- Session 2, Poster Wed, Poster Thu, Oral Thu in Poster Thu Thu Track 2 -- Session 2, Workshop

Xie, Sang Michael: Poster Thu Yan, Xinchen: Poster Tue Yi, Shuai: Poster Tue Yi, Shuai: Poster Tue Xie, Qiaomin: Poster Wed Yan, Ziang: Poster Tue Xie, Jiangtao: Poster Tue Yan, Shuicheng: Poster Tue Yi, Kwang Moo: Poster Tue Xie, Yuan: Poster Tue Yan, Junchi: Poster Wed Yi, Jinfeng: Poster Thu Yan, Eddie: Spotlight Tue in Tue Xie, Xinfeng: Poster Tue Yin, Jian: Poster Tue Track 1 -- Session 2, Poster Tue Xie, Yuan: Poster Tue Yin, Baocai Yin: Poster Tue Yan, Junjie: Poster Tue Xie, Yuchen: Poster Thu Yin, Guosheng: Poster Thu Yan, Bowei: Poster Wed Xing, Steven: Poster Tue Yin, Zi: Oral Tue in Tue Track 2 -- Ses-Yan, Xiao: Poster Tue sion 1, Poster Tue, Poster Wed Xing, Xinyu: Poster Tue Yang, Tianbao: Poster Wed, Poster Yin, Wotao: Spotlight Tue in Tue Xing, Eric: Poster Tue, Spotlight Tue Track 3 -- Session 1, Poster Tue, Thu in Tue Track 3 -- Session 2, Poster Poster Wed, Spotlight Thu in Thu Wed, Spotlight Wed in Wed Track 2 Yang, Junfeng: Poster Tue Track 3 -- Session 2, Poster Thu -- Session 2, Poster Thu Yang, Zhilin: Poster Tue Yin, Guojun: Poster Tue Xiong, Jiechao: Poster Tue Yang, Lin: Poster Wed, Poster Thu Yin, Rong: Poster Thu Xiong, Yuanjun: Poster Tue Yang, Zichao: Poster Tue Yin, Hujun: Poster Tue Xiong, Ruiqin: Poster Tue Yang, Chun-Hao: Poster Tue Ying, Jordan: Poster Thu Xu, Jie: Poster Thu Yang, John: Poster Wed Ying, Zhitao: Spotlight Tue in Tue Xu, Jinhui: Poster Wed Yang, Yazheng: Poster Tue Track 2 -- Session 2, Poster Tue, Spot-Xu, Miao: Poster Tue Yang, Scott: Poster Thu light Wed in Wed Track 1 -- Session 2, Xu, Jie: Poster Wed Yang, Xin: Poster Tue Poster Wed Xu, Kelvin: Poster Thu Yang, Ge: Poster Tue, Poster Wed Yoon, Jaesik: Spotlight Tue in Tue Xu, Ke: Poster Tue Yang, Zhuoran: Poster Wed, Poster Track 2 -- Session 2, Poster Tue Xu, Jizheng: Poster Tue Yoon, Daesub: Poster Wed Xu, Yi: Poster Thu Yang, Hongseok: Poster Thu Yosef, Nir: Poster Tue Xu, Kuang: Poster Thu Yang, Qiang: Poster Thu Yosinski, Jason: Poster Tue You, Jiaxuan: Spotlight Tue in Tue Xu, Ji: Poster Wed Yang, Yingxiang: Poster Wed Track 2 -- Session 2, Poster Tue, Spot-XU, Chunjing: Poster Tue Yang, Xiaokang: Poster Tue Xu, Jingwei: Poster Tue Yang, Larry: Poster Wed Poster Wed Xu, Jun: Poster Thu Yang, Yibo: Poster Tue Young, Cliff: Poster Tue Xu, Pan: Spotlight Wed in Wed Track Yang, Eunho: Poster Tue, Poster Wed Young, Steve: Workshop Fri in None 3 -- Session 2, Poster Wed, Spotlight Yang, Ming-Hsuan: Poster Tue, Yu, Tiancheng: Spotlight Wed in Thu in Thu Track 2 -- Session 1, Poster Wed Wed Track 3 -- Session 2, Poster Wed Poster Thu Yang, Tong: Poster Tue Yu, Xiaotian: Spotlight Wed in Wed Xu, Hang: Poster Tue Yang, Yaodong: Poster Thu Track 1 -- Session 1, Poster Wed Xu, Huan: Spotlight Thu in Thu Track Yang, Tianpei: Poster Wed Yu, Hangyeol: Poster Thu 3 -- Session 2, Poster Thu Yang, Bishan: Workshop Sat in None Yu, Angela: Poster Tue, Poster Wed, Xu. Ju: Poster Wed Yang, Yongliang: Poster Tue Poster Thu Xu, Chang: Poster Tue Yang, Zichao: Poster Wed yu, yunlong: Poster Tue Xu, Zhongwen: Poster Wed Yao, Liuyi: Poster Thu Yu, Xingrui: Poster Tue Xu, Fuxin: Poster Tue Yao, Zhewei: Poster Tue Yu, Felix Xinnan: Spotlight Tue in Xu, Yixi: Poster Wed Tue Track 3 -- Session 2, Poster Tue Yao, Jiangchao: Poster Tue Xu, Zheng: Poster Tue Yu, Ming: Poster Thu Yao, Shunyu: Poster Tue Xu, Hongteng: Poster Tue Yu, Runsheng: Poster Tue Yao, Angela: Poster Tue Xu, Peng: Poster Thu Yu, Tianshu: Poster Wed Yao, Zixin: Poster Thu Xu, Zhitian: Poster Tue Yu, Zhiding: Poster Tue Yao, Quanming: Poster Tue, Poster Xu, Zhiqiang: Poster Wed Yu, Yang: Poster Thu Xu, Yangyang: Poster Wed Yatsenko, Dimitri: Poster Tue Yu, Ronald: Poster Thu Xu, Chao: Poster Tue Ye, Nanyang: Poster Tue Yu, Mingchao: Poster Tue, Poster Xu, Wanwan: Poster Thu Ye, Yinyu: Poster Wed Xue, Yexiang: Poster Tue Yu. Chen: Poster Thu Ye, Yinyu: Poster Wed Yabe, Akihiro: Poster Thu Yu, Yaodong: Poster Thu Yeh, Chih-Kuan: Poster Tue Yahi, Alexandre: Workshop Sat in Yu, Hao: Poster Thu Yeh, Yu-Ying: Poster Tue Yu, Yaoliang: Poster Thu Yen, Ian En-Hsu: Poster Tue, Poster Yakovenko, Nikolai: Poster Tue Wed Yuan, Yuchen: Poster Tue Yamada, Makoto: Poster Thu Yuan, Eric: Demonstration Tue in Yener, Bulent: Poster Tue Yamanaka, Yuki: Poster Tue Yeom, Samuel: Poster Tue

Yezzi, Anthony: Poster Wed

Yi, Kexin: Spotlight Tue in Tue Track

Yger, Florian: Poster Thu

1 -- Session 2, Poster Tue

Yuan, Xiaotong: Poster Thu Yuan, Jianjun: Poster Thu Yue, Kaiyu: Poster Tue Yue, Yisong: Poster Tue, Poster Thu Yukawa, Masahiro: Poster Wed Yurtsever, Alp: Poster Thu Zadik, Ilias: Poster Wed Zahavy, Tom: Poster Wed Zahavy, Tom: Workshop Sat in None Zaheer, Manzil: Poster Wed, Poster Zakynthinou, Lydia: Poster Wed Zambaldi, Vinicius: Poster Wed Zanfir, Andrei: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Zanfir, Mihai: Spotlight Wed in Wed Track 2 -- Session 1, Poster Wed Zareian, Alireza: Poster Tue Zdeborová, Lenka: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Zdonik, Stan: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue Zeghidour, Neil: Poster Tue **Zemel, Richard**: Poster Tue, Poster Thu Zeng, Bo: Poster Thu Zeng, An-Xiang: Poster Thu **Zeng, Yiming**: Poster Tue light Wed in Wed Track 1 -- Session 2, Zhai, Xiyu: Poster Thu Zhang, Rui: Poster Tue **Zhang, Hao**: Poster Thu **Zhang, Huanyu**: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Zhang, Wenqiang: Poster Tue Zhang, Jesse: Poster Wed Zhang, Hanwang: Poster Tue Zhang, Lei: Poster Tue Zhang, Byoung-Tak: Poster Tue, Spotlight Tue in Tue Track 1 -- Session 2 Zhang, Jie: Poster Wed Zhang, Zijun: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Zhang, Quan: Poster Thu Zhang, Zhilu: Spotlight Thu in Thu Track 2 -- Session 2, Poster Thu Zhang, Bo: Poster Tue Zhang, Yilin: Poster Thu Zhang, Xin: Poster Tue Zhang, Zhenjie: Poster Wed Zhang, Guoxin: Poster Wed Zhang, Changshui: Poster Tue, Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Zhang, Ningshan: Poster Wed Zhang, Yi: Oral Tue in Tue Track 3 --Session 1, Poster Tue Tue Demonstrations Zhang, Xiangyu: Poster Tue Yuan, Michelle: Poster Thu

Zhang, Xiaoxuan: Poster Wed

Zhang, Ce: Poster Thu

Zhang, Chao: Poster Thu

Yuan, Arianna: Spotlight Tue in Tue

Track 2 -- Session 2, Poster Tue

Yuan, Yang: Poster Tue

Yamane, Ikko: Poster Thu

Yan, Xing: Poster Tue

Yamins, Daniel: Poster Tue, Poster

Zhang, Lisa: Poster Tue Zhang, Zhoutong: Poster Thu, Oral Thu in Thu Track 2 -- Session 2 Zhang, Zheng: Poster Thu Zhang, Tong: Poster Tue Zhang, Yasen: Poster Tue Zhang, Huan: Poster Wed Zhang, Zongzhang: Poster Wed Zhang, Xinhua: Poster Thu Zhang, Jingzhao: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu Zhang, Yuqian: Poster Wed Zhang, Yining: Spotlight Thu in Thu Track 3 -- Session 1, Poster Thu Zhang, Yizhen: Poster Tue Zhang, Xinyuan: Spotlight Tue in Tue Track 2 -- Session 1, Poster Tue Zhang, Tong: Poster Wed

ZHANG, Ruixiang: Poster Wed Zhang, Brian: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue Zhang, Liheng: Poster Tue

Zhang, Cyril: Oral Tue in Tue Track 3 -- Session 1, Poster Tue

Zhang, Tong: Poster Tue, Poster Wed, Spotlight Wed in Wed Track 3 -- Session 2, Poster Thu

Zhang, Michael: Poster Thu Zhang, Youhui: Poster Tue Zhang, Bo: Poster Tue, Poster Thu Zhang, Qin: Poster Wed, Poster Thu Zhang, Wei: Poster Tue

Zhang, Cheng: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

ZHANG, Ying: Poster Thu Zhang, Haichao: Poster Wed Zhang, Linfeng: Poster Tue

Zhang, Lijun: Poster Wed, Poster

Zhang, Hongwen: Poster Tue

Zhang, Weizhong: Poster Tue Zhang, Yizhe: Poster Tue, Poster

Zhang, Liang: Poster Tue Zhang, Wenrui: Poster Tue Zhang, Hua: Poster Thu

Zhang, Kun: Poster Tue, Poster Wed, Poster Thu Zhang, Hao: Poster Thu

Zhang, Zhen: Poster Thu Zhang, Honggang: Poster Tue Zhang, Gong-Duo: Poster Thu Zhang, Chao: Poster Tue Zhang, Yin: Poster Thu Zhang, Pengchuan: Poster Tue

Zhang, Chongjie: Poster Wed Zhang, Minjia: Poster Tue

Zhang, Junzhe: Poster Wed

Zhang, Zhongfei (Mark): Poster Tue

Zhang, Youyang: Poster Tue Zhang, Richard: Poster Wed, Spotlight Wed in Wed Track 3 -- Session 2 Zhang, Muhan: Spotlight Thu in Thu Track 1 -- Session 1, Poster Thu

Zhang, Xiuming: Oral Thu in Thu Track 2 -- Session 2, Poster Thu

Zhang, Yu: Poster Thu

Zhang, Xiangyu: Spotlight Tue in Tue Track 3 -- Session 2, Poster Tue

Zhang, Huishuai: Poster Wed Zhang, Jianming: Poster Tue

Zhang, Shanghang: Poster Tue Zhang, Aidong: Poster Thu

Zhang, Jiawei: Poster Wed

Zhang, Ruiyi: Poster Wed Zhang, Ya: Poster Tue

Zhang, Chengkai: Poster Thu, Oral Thu in Thu Track 2 -- Session 2

Zhang, Wanrong: Poster Wed

Zhang, Yu: Poster Tue

Zhao, Tuo: Poster Wed, Poster Thu

Zhao, Zhou: Poster Tue Zhao, He: Poster Wed Zhao, Tuo: Poster Thu

Zhao, An: Poster Thu

Zhao, Shengjia: Poster Tue, Spotlight Tue in Tue Track 2 -- Session 2

Zhao, Haiyu: Poster Tue Zhao, Yue: Poster Tue Zhao, Shenyi: Poster Thu Zhao, Jake: Poster Tue Zhao, Han: Poster Tue Zhao, Jinman: Poster Wed Zhao, Deli: Poster Tue

Zhao, Qi: Poster Thu

Zhaoran Wang, Princeton: Poster Wed, Poster Thu

Zhe, Shandian: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed

Zhen, Xingjian: Poster Tue ZHENG, YAN: Poster Wed

Zheng, Xun: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed

Zheng, Xiaolin: Poster Tue Zheng, Charles: Poster Wed Zheng, Changxi: Spotlight Tue in Tue Track 2 -- Session 2, Poster Tue

Zheng, Lianmin: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Zheng, Zeyu: Poster Wed

Zheng, Kai: Spotlight Wed in Wed Track 1 -- Session 1, Poster Wed

Zheng, Zhihao: Poster Thu Zhong, Zhisheng: Poster Tue

Zhou, Pan: Poster Thu

Zhong, Kai: Poster Wed Zhong, Peilin: Spotlight Tue in Tue

Track 2 -- Session 2, Poster Tue Zhong, Zhao: Poster Tue

Zhou, Yuan: Poster Wed Zhou, Dongruo: Spotlight Wed in Wed Track 3 -- Session 2, Poster Wed Zhou, Zhengyuan: Poster Wed

Zhou, Hao: Poster Tue

Zhou, Dengyong: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed

Zhou, Eric: Poster Wed

Zhou, Sona: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Zhou, Jiayu: Poster Thu Zhou, Enlu: Poster Wed Zhou, Angela: Poster Wed

Zhou, Zhi-Hua: Poster Wed, Poster

Thu

Zhou, Xun: Poster Wed Zhou, Tianyi: Poster Thu

Zhou, Yanqi: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Zhou, Mingyuan: Poster Tue, Poster Wed, Poster Thu

Zhou, Zimu: Poster Tue

Zhou, Yi: Spotlight Thu in Thu Track 3 -- Session 2, Poster Thu

Zhou, Ming: Poster Tue Zhou, Feng: Poster Tue Zhu, Jia: Poster Tue Zhu, Yixin: Poster Tue

Zhu, Guangxiang: Poster Wed Zhu, Jiangiao: Poster Thu Zhu, Xiatian: Poster Tue

Zhu, Jun-Yan: Poster Tue, Poster Thu

Zhu, Tina: Poster Wed Zhu, Jerry: Poster Tue

Zhu, Shixiang: Spotlight Tue in Tue Track 1 -- Session 2, Poster Tue

Zhu, Zhanxing: Poster Tue, Poster Wed, Poster Thu

Zhu, Zhihui: Poster Tue, Poster Wed

Zhu, Wei: Poster Tue

Zhu, Guangming: Poster Tue Zhu, Song-Chun: Poster Tue

Zhu, Jinhui: Poster Thu Zhu, Wenwu: Poster Wed Zhu, Yukun: Poster Tue

Zhu, Jun: Poster Wed, Poster Thu Zhu, Jun: Poster Tue, Spotlight Tue

in Tue Track 3 -- Session 2 Zhuang, Bohan: Poster Thu Zhuang, Zhuangwei: Poster Thu Zhuang, Chengxu: Poster Tue Zhuang, Yueting: Poster Tue Zieba, Maciej: Poster Tue

Ziebart, Brian: Poster Thu, Spotlight Thu in Thu Track 1 -- Session 2

Zieliński, Bartosz: Poster Thu **Ziko, Imtiaz**: Spotlight Wed in Wed Track 1 -- Session 2, Poster Wed Zimmer, Christoph: Poster Thu Zimmerman, Paul: Poster Thu

Zimmert, Julian: Poster Thu Zinkov, Rob: Poster Thu

Zisserman, Andrew: Poster Wed Zitnik, Marinka: Poster Tue

Zohar, Amit: Poster Wed Zoltowski, David: Poster Thu Zoph, Barret: Poster Tue Zou, Difan: Spotlight Thu in Thu Track 2 -- Session 1, Poster Thu

Zuo, Wangmeng: Poster Tue Zuo, Wangmeng: Poster Wed Álvarez, Mauricio: Spotlight Wed in Wed Track 2 -- Session 2, Poster Wed

Öktem, Ozan: Poster Tue Śmieja, Marek: Poster Thu [LINE]

Zou, James: Poster Tue

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