

design artist: Maitjaz Jogan
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TUTORIAL SPEAKERS

Vision-based Control, Control-based Vision, and the Information Knot that Ties Them
High-dimensional Statistics: Prediction, Association and Causal Inference
Latent Factor Models for Relational Arrays and Network Data
Reinforcement Learning in Humans and Other Animals
Reinforcement Learning for Embodied Cognition
Optimization Algorithms in Machine Learning

Stefano Soatto (UC Los Angeles)
Peter Bühlmann (ETH Zürich)
Peter Hoff (U of Washington)
Nathaniel D. Daw (New York University)
Dana H. Ballard (U of Texas-Austin)
Stephen Wright (U of Wisconsin-Madison)

INVITED SPEAKERS

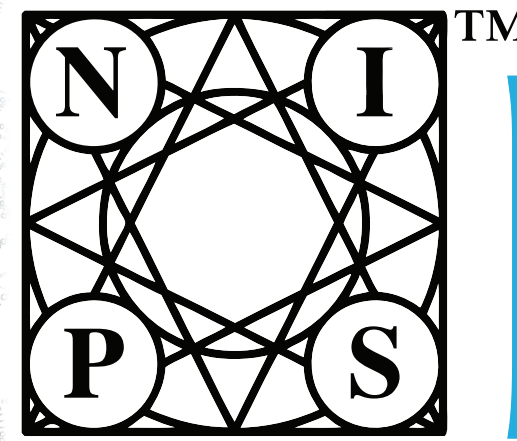
Perceptual Bases for Rules of Thumb in Photography
Statistical Inference of Protein Structure and Function
Machine Learning with Human Intelligence: Principled Corner Cutting (PC2)
The Interplay of Machine Learning and Mechanism Design
How Does the Brain Compute and Compare Values at the Time of Decision-Making?
How to Grow a Mind: Statistics, Structure and Abstraction

Martin Banks (UC Berkeley)
Michael Jordan (UC Berkeley)
Xiao-Li Meng (Harvard University)
David Parkes (Harvard University)
Antonio Rangel (Caltech)
Joshua B. Tenenbaum (MIT)

SAM ROWEIS SYMPOSIUM

Unifying Views in Unsupervised Learning
Manifold Learning
A Probabilistic Approach to Data Visualization
Learning Structural Sparsity
Automating Astronomy

Zoubin Ghahramani (Univ. of Cambridge)
Lawrence Saul (UC San Diego)
Geoffrey Hinton (University of Toronto)
Yoram Singer (Google)
David Hogg (New York University)



NIPS™ 2010

Tutorials **December 6**
Conference **December 6 - 9**
Sam Roweis Symposium **December 9**
Hyatt Regency, Vancouver B.C.
Workshops **December 10 - 11**
*The Westin Resort & Spa and
The Hilton Whistler Resort & Spa*

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