

## Preface

The iStar workshop series is dedicated to the discussion of concepts, methods, techniques, tools, and applications associated with i\* and related goal modelling approaches. The objective of the workshop is to provide a unique opportunity for researchers in the area to exchange ideas, compare notes, promote interactions, and forge new collaborations. In line with the RE'20 conference theme “Requirements Engineering for a Digital World”, this edition also seeks to explore how i\* may be best applied in the Digital World. For example, how does i\* relate to other approaches that are relevant in the Digital World? What are the objectives of these other works, and how can they complement i\*? How can i\* interact with these works and support the understanding of specific domains and the design of systems?

Following successful workshops in Trento/Italy (2002), London/United Kingdom (2005), Recife/Brazil (2008), Hammamet/Tunisia (2010), Trento/Italy (2011), Valencia/Spain (2013), Thessaloniki/Greece (2014), Ottawa/Canada (2015), Beijing/China (2016), Essen/Germany (2017), Tallinn/Estonia (2018), and Salvador/Brazil (2019), this year, the Thirteenth International i\* Workshop takes place in Zürich, Switzerland, on September 1<sup>st</sup>, 2020. This year, the workshop runs in conjunction with the 28th IEEE International Requirements Engineering Conference (RE'20), benefiting from the common themes and interests shared by the two events.

We keep an informal workshop format to promote and maximize interaction. Aiming at an inclusive and discussion-oriented workshop, the main criterion for paper acceptance in iStar'20 is relevance and potential for stimulating discussion and possible collaborations among the participants. A 26-member program committee, consisting of scholars and practitioners with expertise and interest in the field, was involved in reviewing a total of 17 complete paper submissions. Each of the papers was reviewed by three program committee members. Of the submitted papers, 14 were accepted for presentation in the workshop and revised versions of the papers are included in the proceedings that follow. Each paper was given 18 minutes for presentation and discussion. Each presenter also served as a discussant to another paper, motivating and diversifying the debate.

iStar'20 included a keynote by Prof. Daniel Amyot, from the School of Electrical Engineering and Computer Science at the University of Ottawa, entitled *Two decades of combined goal/process modeling: lessons learned and opportunities*. Finally, iStar'20 concluded with a final discussion to summarise debated topics and point out further directions.

We would like to thank the authors for submitting their papers and all the members of the Program Committee and additional reviewers for providing their expertise and suggesting constructive advice to improve the quality of published papers. Last but not least, we want to thank the organizers of the RE'20 conference for their valuable support.

Zürich, September 1st, 2020  
Renata Guizzardi, Gunter Mussbacher, and Marcela Ruiz  
iStar'20 Co-Chairs

## **Organizing Committee**

*Renata Guizzardi*  
Federal Uni. of Espírito Santo, Brazil  
*Gunter Mussbacher*  
McGill University, Canada

*Marcela Ruiz*  
Zurich University of Applied Sciences,  
Switzerland

## **Program Committee**

*Raihan Ali*  
Hamad Bin Khalifa University, Qatar  
*Daniel Amyot*  
University of Ottawa, Canada  
*Joao Araujo*  
Uni. NOVA de Lisboa, Portugal  
*Basak Aydemir*  
Boğaziçi University, Turkey  
*Juan Pablo Carvallo*  
Universidad del Azuay, Ecuador  
*Jaelson Castro*  
Uni. Federal de Pernambuco, Brazil  
*Dolors Costal*  
Uni. Politècnica de Catalunya, Spain  
*Luiz Marcio Cysneiros*  
York University, Canada  
*Fabiano Dalpiaz*  
Utrecht University, The Netherlands  
*Sepideh Ghanavati*  
University of Maine, USA  
*Jennifer Horkoff*  
Chalmers / U. of Gothenburg, Sweden  
*Tong Li*  
Beijing Uni. of Technology, China  
*Sotirios Liaskos*  
York University, Canada

*Lin Liu*  
Tsinghua University, China  
*Lidia Lopez*  
Uni. Politècnica de Catalunya, Spain  
*Alejandro Maté*  
University of Alicante, Spain  
*Haralampos Mouratidis*  
University of Brighton, UK  
*Elda Paja*  
IT Uni. of Copenhagen, Denmark  
*Oscar Pastor Lopez*  
Uni. Politècnica de València, Spain  
*Michalis Pavlidis*  
University of Brighton, UK  
*Anna Perini*  
Fond. Bruno Kessler Trento, Italy  
*João Pimentel*  
U. Fed. Rural de Pernambuco, Brazil  
*Vitor E. Silva Souza*  
Federal Uni. of Espírito Santo, Brazil  
*Angelo Susi*  
Fondazione Bruno Kessler – Irst, Italy  
*Eric Yu*  
University of Toronto, Canada  
*Jelena Zdravkovic*  
Stockholm University, Sweden

## **Steering Committee**

*Xavier Franch*  
Uni. Politècnica de Catalunya, Spain  
*John Mylopoulos*  
University of Ottawa, Canada

*Eric Yu*  
University of Toronto, Canada