# Proceedings of the Tenth International Symposium on Imprecise Probability: Theories and Applications (ISIPTA '17)

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**Lugano (Switzerland)**
**http://isipta.idsia.ch**

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Alessandro Antonucci
Giorgio Corani
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Sébastien Destercke

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## Organizational Support

# Preface

The ISIPTA (*International Symposium on Imprecise Probability: Theories and Applications*) meetings are the primary forum for research on imprecise probability. They are organized once every two years by SIPTA, the *Society for Imprecise Probability: Theories and Applications*. The first meeting was held in Ghent in 1999. It was followed by meetings in Ithaca, Lugano, Pittsburgh, Prague, Durham, Innsbruck, Compiègne and Pescara. The 2017 edition was held in Lugano (Switzerland) on July 10–14, 2017.

The proceedings of this edition are published for the first time within the *Proceedings of Machine Learning Research* (PMLR) series. This is by itself an acknowledgment of the scientific quality of the symposium.

Each submitted paper has been assigned to three program committee members. Eventually we accepted 32 papers. We would like to thank the 49 members of the program committee for their outstanding job during the reviewing process.

This edition of ISIPTA has been, for the first time, co-located with ECSQARU 2017, *the Fourteenth European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty*. ECSQARU and ISIPTA are both biennial events with a significant overlap in their scopes. The co-location should be regarded as a first attempt to promote a cross-fertilization of work from researchers of these two communities.

Besides the technical program, keynote lectures were given by five distinguished invited speakers, namely: Leila Amgoud (IRIT, France), Alessio Benavoli (IDSIA, Switzerland), Jim Berger (Duke University, USA), Didier Dubois (IRIT, France), and Eyke Hüllermeier (Paderborn University, Germany).

Lugano, July 2017

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