

Preface

The 9th International Conference on the Theory and Applications of Diagrams (Diagrams 2016) was held in Lafayette Hill just outside Philadelphia, USA, in August 2016. For the second time, Diagrams was co-located with the Annual Conference of the Cognitive Science Society (CogSci 2016), which encouraged the participation and stimulating interaction between researchers of both communities.

Diagrams is the only conference series that provides a united forum for all areas that are concerned with the study of diagrams. The authors continued to interpret this broadly, as intended by this interdisciplinary conference series. The result is a wide spectrum of contributions from diverse research cultures including cognitive science, computer science, psychology, philosophy, mathematics, design, history of science, logic, linguistics, and artificial intelligence.

Submissions to Diagrams 2016 were solicited in the form of long papers, short papers, and poster papers. The peer-review process entailed each paper being reviewed by at least three members of the Program Committee or a nominated external reviewer. The rebuttal phase followed next, where the authors had a chance to respond to the initial feedback. Finally, the reviewers discussed the papers, the feedback, and the responses from the authors, and amended their reviews as appropriate. This peer review was organized using the EasyChair system. The quality and substance of the reviewers' contributions allowed the program chairs to make decisions with confidence.

We are grateful to the 36 members of the Program Committee and the nine additional reviewers whose commitment, efforts, and diligence enabled us to select high-quality papers for the conference and this proceedings volume. A total of 48 submissions were received, of which 12 were accepted as long papers. A further 11 papers were accepted as short papers.

In addition to the main paper presentations, Diagrams 2016 included a graduate symposium, a workshop, and two tutorials. We are grateful to our two keynote speakers, Mary Hegarty of the University of California Santa Barbara, USA, and Isabel Meirelles of OCAD University, Toronto, Canada: They brought inspiration from their diverse fields of psychology and design. The abstracts of all of these events can be found in this proceedings volume.

The University of Millersville supported the conference's registration process. We also acknowledge the National Science Foundation (NSF) for funding the graduate symposium. Finally, we thank the Organizing Committee for managing their responsibilities so effectively: Richard Burns as local chair, Luana Micallef as graduate symposium chair, and Aidan Delaney as workshop and tutorial chair.

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