

Preface

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The International Symposium on Domain Theory (ISDT) is a conference series intended to be a forum for researchers in domain theory and its applications. Topics include topological and logical aspects of domains; categories of domains and powerdomains; continuous posets and their representations; partial orders, lattice theory and metric spaces; types, process algebra and concurrency; non-classical and partial logics; programming language semantics; applications in computer science and mathematics. This conference series was founded by Yingming Liu, Yixiang Chen, Klaus Keimel, and Guo-Qiang Zhang. All ISDT events have taken place in China. The first ISDT was held in Shanghai, October 17–24, 1999; the second ISDT was held in Chengdu, October 22–26, 2001; the third ISDT occurred in Xi'an, China, May 10–14, 2004; the fourth ISDT was held in Changsha, June 2–6, 2006; and the fifth ISDT took place in Shanghai, September 11–14, 2009.

This special issue contains selected papers from the sixth ISDT, which took place on the campus of Hunan University in Changsha, from October 25 to October 29, 2013. This symposium included three invited talks, given by Dana Scott (Carnegie Mellon University, USA), Achim Jung (University of Birmingham, UK), and Glynn Winskel (University of Cambridge, UK). Additional invited presentations were given by Pierre-Louis Curien, Klaus Keimel, Jimmie Lawson, Michael Mislove, Guo-Qiang Zhang, and Bin Zhao, interleaved with 18 contributed talks.

Seven papers have been included in this special issue. Each paper was refereed according to the quality guidelines of MSCS. We regret that several worthy submissions cannot be included in this special issue.

We thank the generous support by Hunan University for making the 6th ISDT possible, and we are particularly grateful for Professor Qingguo Li's effort in making this event an enjoyable and productive one. We also thank the contributions of authors who submitted their papers for this special issue after the conference event. Finally, we thank the office of the MSCS for assistance with editorial matters.