19th International Conference on Database Theory

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Preface

The 19th International Conference on Database Theory (ICDT 2016) was held in Bordeaux, France, March 15–18, 2016. Originally biennial, the ICDT conference has been held annually and jointly with EDBT (“Extending Database Technology”) since 2009.

The proceedings of ICDT 2016 include an overview of a keynote by Floris Geerts (University of Antwerp), an overview of a keynote by Yufei Tao (University of Queensland), a paper by David P. Woodruff (IBM Almaden) based on his invited lecture, a laudation concerning the ICDT 2016 Test of Time Award, and 19 research papers that were selected by the Program Committee from 41 submissions.

Out of the 19 accepted papers, the Program Committee selected the paper Beyond Well-Designed SPARQL by Mark Kaminski and Egor V. Kostylev for the ICDT 2016 Best Paper Award. Furthermore, the Program Committee selected the paper A Framework for Estimating Stream Expression Cardinalities by Anirban Dasgupta, Kevin Lang, Lee Rhodes, and Justin Thaler for the ICDT 2016 Best Newcomer Award. The Test of Time Award for ICDT 2016 is given to the paper Conjunctive Query Containment Revisited by Chandra Chekuri and Anand Rajaraman, which originally appeared in the proceedings of ICDT 1997. Warmest congratulations to the authors of these award winning papers!

I thank all authors who submitted papers to ICDT 2016. I would also like to thank all members of the Program Committee, and the external reviewers, for the enormous amount of work they have done. The Program Committee carried out extensive discussions during the electronic PC meetings, before and after rebuttal. I am very grateful to Foto Afrati, Claire David, and Georg Gottlob for their efforts and expertise in selecting the paper for the Test of Time Award. I thank Andrei Voronkov for his EasyChair system, which made it easy to manage and coordinate the discussion.

I thank the ICDT Council members for their help in selecting the Program Committee and in particular the Council Chair Thomas Schwentick for his continuous advice on a wide variety of matters concerning ICDT. Special thanks also go to Thomas Zeume, the Proceedings Chair of ICDT 2016. I thank last year’s PC Chair Marcelo Arenas and last year’s Proceedings Chair Martín Ugarte for sharing their knowledge and experience which substantially helped us in producing the proceedings. Finally, I thank many colleagues involved in the organisation of the conference for fruitful collaboration, in particular, Sofian Maabout (EDBT/ICDT 2016 Conference Chair).

Wim Martens
January 2016
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