

20th International Conference on Database Theory

ICDT 2017, March 21–24, 2017, Venice, Italy

Edited by

Michael Benedikt

Giorgio Orsi



Editors

Michael Benedikt Giorgio Orsi
Department of Computer Science Meltwater, UK
University of Oxford, UK
michael.benedikt@cs.ox.ac.uk giorgio.orsi@meltwater.com

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■ Preface

The 20th International Conference on Database Theory (ICDT 2017) was held in Venice Italy, March 21-24, 2017. Originally biennial, the ICDT conference has been held annually and jointly with the conference on Extending Database Technology (EDBT) since 2009.

The proceedings of ICDT 2017 includes a paper by Carsten Lutz (University of Bremen), based on his keynote address, an overview of the keynote by Tova Milo (Tel Aviv University), as well as an overview of the invited lecture of Daniel Marx (Hungarian Academy of Sciences), and 19 research papers that were selected by the Program Committee.

Out of the 19 accepted papers, the Program Committee selected the paper *How many variables are needed to express an existential positive query?* by Simone Bova and Hubie Chen for the ICDT 2017 Best Paper Award. Furthermore, the Program Committee selected the paper *k-Regret Minimizing Set: Efficient Algorithms and Hardness* by Wei Cao, Jian Li, Haitao Wang, Kangning Wang, Ruosong Wang, Raymond Chi-Wing Wong, and Wei Zhan for the ICDT 2017 Best Newcomer Award.

We want to acknowledge Andrei Voronkov for his prompt support with the EasyChair system, which has made ICDT's transition to a two-cycle submission process work very smoothly. We thank the previous program chair and current ICDT Council Chair Wim Martens for his guidance on the mechanics of running the program committee, and last year's proceedings chair Thomas Zeume for his help in producing the proceedings. We also thank the EDBT/ICDT general chair Salvatore Orlando for enormous assistance with issues related to the conference organization.

Our final thanks is to the members of the ICDT program committee for their work. We are particularly grateful to the following PC members for the enormous effort and care they put in, beyond what we can reasonably expect: Meghyn Bienvenue, Gianluigi Greco, Egor Kostylev, Paweł Parys, Gabriele Puppis, Pierre Senellart, and Jef Wijsen.

We experimented with a different system for running the review and discussion this year, and we appreciate the patience and flexibility of the PC in trying something new.

Michael Benedikt and Giorgio Orsi
March 2017



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■ List of Authors

Foto N. Afrati	Antoine Amarilli	Yael Amsterdamer
Pablo Barceló	Christoph Berkholz	Pierre Bourhis
Simone Bova	Douglas Burdick	Wei Cao
Hubie Chen	Shaleen Deep	Ronald Fagin
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Lucian Popa	Christopher M. Ré	Carl Philipp Reh
Noam Rinetzky	Miguel Romero	Mooly Sagiv
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Bruhathi Sundarmurthy	Orr Tamir	Wang-Chiew Tan
Val Tannen	Szymon Toruńczyk	Jeffrey D. Ullman
Helmut Veith	Alexandre Vigny	Nils Vortmeier
Hoa T. Vu	Haitao Wang	Kangning Wang
Ruosong Wang	Raymond Chi-Wing Wong	Thomas Zeume
Wei Zhan	Florian Zuleger	



