PREFACE

This special issue of *Logical Methods in Computer Science* contains extended versions of papers presented at the 23rd International Conference on Database Theory (ICDT 2020). ICDT is a major forum for research on all theoretical aspects of data management.

The meeting was scheduled to take place in Copenhagen 30th March-2nd April, but was one of the first conferences that had to be canceled as a physical event due to the beginning Covid-19 pandemic. It was instead held online on the same dates. This was quite an adventure because the move online had to be organized on short notice and, at that time, there was almost no experience with online conferences. Together with the organizers of the co-located EDBT conference, we have written a report about this [1]. We would like to express our gratitude to the participants and to everyone involved in the organization of EDBT/ICDT2020 for the great support they provided for making the conference a success in difficult times.

This special issue contains six selected papers that were presented at the conference. The article *The Dichotomy of Evaluating Homomorphism-Closed Queries on Probabilistic Graphs* by Antoine Amarilli and İsmail İlkan Ceylan has also been selected by the program committee for the ICDT best paper award.

The articles included in this special issue underwent an additional and thorough reviewing and revision process. They constitute substantially extended and refined versions of the original conference papers. We thank both the authors and the reviewers for the hard work that they have put into this.

<div style="text-align: right">

Jean Christoph Jung, Carsten Lutz
Editors of ICDT 2020 Proceedings
Special Issue Guest Editors

</div>

REFERENCES

[1] Angela Bonifati, Giovanna Guerrini, Carsten Lutz, Wim Martens, Lara Mazilu, Norman W. Paton, Marcos Antonio Vaz Salles, Marc H. Scholl, and Yongluan Zhou. Holding a conference online and live due to covid-19: Experiences and lessons learned from EDBT / ICDT 2020. *SIGMOD Rec.*, 49(4):28–32, 2020.