

Foreword

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The 12th International Conference on Database Theory was held in March 2009 in St. Petersburg, Russia. The conference used to be held every two years, but beginning in 2009, it became an annual conference. In 2009, it was held jointly with the Conference on Extending Database Technology. The program of the conference included two invited papers and twenty-five other papers, which were selected by an international program committee.

The Program Committee Chair, Ronald Fagin, asked five other members of the program committee, namely Albert Atserias, Mikołaj Bojańczyk, Balder ten Cate, Floris Geerts, and Kenneth Ross, to work with him in putting together a special issue, and they graciously agreed. The results are the four papers in this volume. Each of these papers is a major extension of the version that appeared in the conference, and each has been rigorously refereed.

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These papers are:

Querying Data Sources That Export Infinite Sets of Views, by Bogdan Cautis, Alin Deutsch and Nicola Onose

Containment of Conjunctive Queries on Annotated Relations, by Todd J. Green

Reconcilable Differences, by Todd J. Green, Zachary G. Ives and Val Tannen

Query Languages for Data Exchange: Beyond Unions of Conjunctive Queries, by Marcelo Arenas, Pablo Barceló and Juan Reutter

We are grateful to the authors and to the referees, all of whom put in a great deal of work to make this special issue possible.

Guest Editors