Message from the Chairs

We are delighted to present to you, on behalf of the entire conference organizing committee and the workshop organizers, the proceedings of the Workshops of the EDBT/ICDT 2014 Joint Conference, held on March 28, 2014, in Athens, Greece.

International Conference on Extending Database Technology (EDBT) and International Conference on Database Theory (ICDT) are two prestigious forums for the exchange of the latest research results in data management and the theoretical foundations of database systems. While having the same overarching goal of presenting cutting-edge results, ideas, techniques, and theoretical advances in databases, the workshops of the EDBT/ICDT joint conference are separately tasked by focusing on emerging topics that complement the areas covered by the main technical program.

This year, our program includes workshops focusing on eight exciting topics:

- *Algorithms for MapReduce and Beyond (BeyondMR)* workshop, aiming to explore algorithms and computational models for systems that need large scale parallelization and systems designed to support efficient parallelization and fault tolerance,
- *Bidirectional Transformations (BX)* workshop, bringing together researchers and practitioners, established and new, interested in bidirectional transformations from different perspectives,
- *Energy Data Management (EnDM)* workshop, focusing on conceptual and system architecture issues related to the management of very large-scale data sets specifically in the context of the energy domain,
- *Exploratory Search in Databases and the Web (ExploreDB)* workshop, aiming to promote novel discovery methods that provide highly expressive discovery capabilities over large amounts of entity-relationship data, which are yet intuitive for end-users,
- *Linked Web Data Management (LWDM)* workshop, aiming at stimulating participants to discuss about data management issues related to the Linked Data and the relationships with other Semantic Web technologies, and at the same time proposes a glance at new issues,
- *Multimodal Social Data Management (MSDM)* workshop, bringing together experts in social network analysis, natural language processing, multimodal data management and integration, scalable data analysis, machine learning, to discuss how research contributions in different computer science areas can help better explain social data and build new applications,
- *Privacy and Anonymity in the Information Society (PAIS)* workshop, which provides a platform for researchers and practitioners from computer science and other fields that are interacting with computer science in the privacy area, such as statistics, healthcare informatics, and law, to discuss and present current research challenges and advances in data privacy and anonymity research, and
- *Querying Graph Structured Data (GraphQ)* workshop, which aims to encourage discussions about how to efficiently and effectively support graph queries in different application domains and seeks to provide the opportunity for cross-fertilization amoing teams working on graph-structured data, with a particular focus on the querying issues.

Before concluding, we would like to acknowledge those who have contributed to the success of the workshops program. First of all, we would like to thank all workshop organizers who have put together an exciting program as well as to all authors who submitted their works to the workshops. We specially thank the authors of the accepted papers and the invited speakers who presented their works in the workshops program. Needless to say, we are grateful to the members of the workshop program committees and external reviewers who have helped put together a high-quality workshops program and we would like to acknowledge the conference organizers and many student volunteers for their invaluable help at various stages of the process. We would also like to give our thanks to the sponsors who have financially supported the workshops and the editors of the CEUR Workshop Proceedings (CEUR-WS.org) who have agreed to host these proceedings.

Sincerely,

K. Selçuk Candan, *Workshops Chair*
Sihem Amer-Yahia and Nicole Schweikardt, *EDBT and ICDT Program Chairs*
Vassilis Christophides, *General Chair*