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Preface

In the last decade, we have witnessed a continuing data explosion generated by multiple data sources. These can be material (e.g., sensors), human (e.g., scientific activities), commercial, etc... The variety of data sources, the huge volumes of data and their high heterogeneity create new problems at two levels: methodological and engineering. In large-scale environments, data modelling, knowledge discovery, information filtering and efficient querying of data sources present an important and challenging issue.

This volume contains 6 fully revised selected regular papers. Its content covers a wide range of different hot topics in the field of data management, mainly: federated data sources, information filtering, web data clouding, query reformulation, package skyline queries, and SPARQL query processing over a LaV (Local-as-View) integration system.

We would like to express our thanks to the Editorial Board for thoroughly refereeing the submitted papers and ensuring the high quality of this volume. Special thanks go to Gabriela Wagner for her availability and her valuable work in the realization of this TLDKS volume.

January 2014

Abdelkader Hameurlain
Josef Küng
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