Preface

This volume of *Transactions on Large-Scale Data- and Knowledge-Centered Systems* (TLDKS) contains five fully revised selected regular papers, covering a wide range of hot topics in the field of data and knowledge management systems.

Topics covered include: a framework consisting of two heuristics with slightly different characteristics to compute the action rating of data stores; a theoretical and experimental study of filter-based equijoins in a MapReduce environment; a constraint programming approach that is based on constraint reasoning to study the view selection and data placement problem given a limited amount of resources; a formalization and an approximate algorithm that have been proposed to tackle the problem of source selection and query decomposition in federations of SPARQL endpoints; and a matcher factory that enables the generation of a dedicated schema matcher for a given schema-matching scenario.

We would like to express our great thanks to the editorial board and the external reviewers for thoroughly reviewing the submitted papers and ensuring the high quality of this volume.

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