

Journal Subline

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Transactions on Large-Scale Data- and Knowledge- Centered Systems XV

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Editors-in-Chief

Selected Papers from ADBIS 2013 Satellite Events

 Springer

Abdelkader Hameurlain and

**Transactions on Large-Scale Data- and Knowledge-Centered Systems XV:
Selected Papers from ADBIS 2013 Satellite Events (Lecture Notes in
Computer Science)**



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The LNCS journal Transactions on Large-Scale Data- and Knowledge-Centered Systems targets data management, knowledge discovery, and knowledge processing, which are core and sizzling topics in computer science. SoBI 2013, the First International Workshop on Sociable Business Intelligence: Integrating Sociable Content in Decision Producing; Feasibility of the systems relies basically on P2P (peer-to-peer) techniques and the support of agent systems with scaling and decentralized control. Current decentralized systems still focus on data and knowledge as their main resource. An increase in the demand for source posting across different sites linked through networks has resulted in an development of data- and knowledge-administration systems from centralized systems to decentralized systems enabling large-scale distributed applications providing high scalability. Synergy between grids, P2P systems, and agent technologies is the crucial to data- and knowledge-centered systems in large-scale conditions. and OAIS 2013, the Second International Workshop on Ontologies Match Advanced Information Systems. The three satellite events were GID 2013, the next International Workshop on GPUs in Databases; Because the 1990s, the Internet is just about the main driving force behind application advancement in all domains. This special concern contains prolonged and revised versions of 4 papers, selected from the 25 papers offered at the satellite events linked to the 17th East-European Conference on Advancements in Databases and Info Systems (ADBIS 2013), held on September 1-4, 2013 in Genoa, Italy. The papers cover different topics in large-scale data and knowledge-centered systems, including GPU-accelerated database systems and GPU-structured compression for huge time series databases, design of parallel data warehouses, and schema coordinating. The special issue content material, which combines both theoretical and application-based contributions, provides useful overview of some of the current developments in large-level data and knowledge administration and can stimulate new suggestions for further analysis and development within both scientific and industrial communities.



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