

Special Issue

Novel Database Systems and Data Mining Algorithms in the Big Data Era

Message from the Guest Editors

The increasing availability of huge amount of data, the so-called big data, possibly produced by devices that define heterogeneous, decentralized and distributed environments, poses new challenges for the database and data mining communities. This special issue focuses on the design, implementation and validation of novel database systems and data mining algorithms for big data management and analytics. The special issue covers the entire big data analytics pipeline: from data acquisition to knowledge extraction and exploitation.

- Big data acquisition and storage
- NoSQL databases
- Big data integration
- Data tailoring
- Scalable and distributed big data frameworks
- Scalable big data mining algorithms
- Scalable machine learning algorithms
- Big data interpretability
- Context-aware big data analytics
- Heterogeneous data

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2021)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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