

# IET Book Series Big Data

Editor-in-Chief: Professor Albert Y. Zomaya University of Sydney, Australia

The IET Big Data Book Series - The topic of Big Data has emerged as a revolutionary theme that cuts across many technologies and application domains. This new Series brings together topics within the myriad research activities in many areas that analyze/compute/store/manage/transport massive amounts of data, such as algorithm design, data mining and search, processor architectures, databases, infrastructure development, service and data discovery, networking and mobile computing, cloud computing, high-performance computing, privacy and security, storage, and visualization, to name a few.

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Rajiv Ranjan is a Reader in Computing Science at Newcastle University, UK. He is working on projects related to emerging areas in parallel and distributed systems (Cloud Computing, Internet of Things, and Big Data). His current research is to advance the fundamental understanding and state of the art of provisioning and delivery of application services (web, big data analytics, content delivery networks, and scientific workflows) in large, heterogeneous, uncertain, and emerging distributed systems. Previously, he was Julius Fellow (2013-2015), Senior Research Scientist and Project Leader in the Digital Productivity and Services Flagship of the Commonwealth Scientific and Industrial Research Organization (CSIRO – Australian Government's Premier Research Agency), and . Senior Research Associate in the School of Computer Science and Engineering, University of New South Wales (UNSW). He has a PhD (2009) in Computer Science and Software Engineering from the University of Melbourne, Australia.

## Topics covered in this Series include:

- Autonomic computing
- Data centre computing
- Cloud computing
- Green Computing
- Peer to Peer computing
- Multi-core and many core computing
- Parallel, distributed and high performance computing
- Programing model and languages
- Workflow computing
- Unconventional computing paradigms
- Mobile computing and sensor networking
- Service computing, Internet computing, Web based computing
- Networking infrastructures
- Scalable databases
- Cyberinfrastructures and e-Science
- Smart Cities
- Analytics and data mining
- Big Data Applications.

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Proposals for coherently integrated International multi-author edited books and handbooks, research monographs, reference books, and advanced level textbooks will be considered for the Series. Each proposal will be reviewed by the Series Editor and/or the Series editorial board members with additional reviews from independent reviewers where appropriate

Please email your book proposal for the IET *Big Data* Book Series to: Dr. Rajiv Ranjan, Newcastle University, UK. Email: Raj.Ranjan@newcastle.ac.uk

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