International Journal of Data Warehousing and Mining

Editor-in-chief: David Taniar, Monash University, Australia

Special Issue on

"Advanced Services for Big Data and cloud computing"

Scope

The size of datasets produced by large-scale scientific experiments, sensor networks, and the Internet of Things is increasing, with the exabyte range to be reached in the near term. Such large datasets need special techniques, approaches, and tools, to allow researchers to gain valuable insights from them, this emerging techniques to deal with huge quantities of data is the so-called "Big Data". In the same way, Cloud Computing has gained momentum, as it combines flexibility, interoperability, and control over expenditure. It has created the opportunity for a new paradigm, with advanced services and changes also in the way people and organizations work and collaborate. Interdisciplinary research is therefore required to ensure a coordinated development of multifaceted solutions that will allow the combination of the advantages of both these innovative scenarios.

This Special Issue will present the emerging works in the area of Big Data, Cloud computing and interdisciplinary work for offering the emerging generation of advanced network services and applications.

Topics

- Big Data
- Cloud computing
- Collective Intelligence
- Human Dynamics
- Distributed Database and Data Mining
- Communication Protocol and Architecture
- High-speed Communication and Network
- Multimedia Communication and System
- Personal Communication Systems
- Multi-agent System and Applications
- Parallel/Distributed Algorithm and Architecture
- Distributed AI and Soft Computing

- Framework and Middleware
- Autonomic Computing and Communication
- Ubiquitous Data and Internet of Things
- Ubiquitous Intelligence and Smart World
- Smart Object, Space/Environment and System
- WWW, Semantic Web and Cyber World
- Context-awareness solutions
- Big Data platforms and algorithms
- Innovative Network Services and Applications
- Security, trust and Privacy
- Use Cases and Applications.

Submission

Manuscripts should include a thorough literature review and approximately 25-30 references, strictly following APA (American Psychological Association) style. Prospective authors are strongly encouraged to visit the journal Guidelines for Submission for further details.

Guest Editors

Ugo Fiore
Federico II University, Italy
ufiore (at) unina.it

Schedule

October 31, 2013, submission deadline

January 31, 2014, first notification

March 15,2014, revised versions

April 30, 2014 final acceptance

Antonio J. Jara
University of Murcia, Spain
jara (at) um.es