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International Conference on Big Data and Smart Computing (BigComp 2014)

January 15-17, 2014, Bangkok, Thailand
www.bigcomputing.org



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CALL FOR PAPERS

Goals

Big data and smart computing are emerging research fields that recently draw much attention and interest in computer science and information technology as well as in social sciences and other disciplines. The goal of the International Conference on Big Data and Smart Computing (BigComp 2014), organized by KIISE (Korean Institute of Information Scientists and Engineers), is to provide an international forum for exchanging ideas and information on current issues, challenges, research results, system developments, and practical experiences in these emerging fields. We applied for IEEE Computer Society Technical Co-Sponsorship. We strongly solicit high-quality original research papers and new work-in-progress reports in any aspect of big data and smart computing.

Related Topics

The topics of interest for BigComp2014 include (but are not limited to):

- Techniques and models for big data
- Algorithms and systems for big data
- Machine learning and AI for big data
- Databases and data mining for big data
- Graph mining and opinion mining
- Web search and information retrieval
- Bioinformatics data management
- Infrastructure and platform for smart computing
- Models and tools for smart computing
- Mobile smartphone applications
- Big data and smart computing Applications (health care, medicine, finance, business, law, education, transportation, telecommunication, science, engineering, ecosystem, etc.)
- Big data analytics and social media
- Parallel and distributed computing for big data
- Hardware/software infrastructure for big data
- Security and privacy for big data
- Image/multimedia data management
- Cloud and grid computing
- Mobile communication and networks
- Smart devices and hardware
- Smart location-based services
- Mobile software and data science

Submission

Papers should be submitted as PDF files through EasyChair, <http://www.easychair>, which must be formatted to IEEE two-column format for conference proceedings. The direct link for paper submission is <https://www.easychair.org/conferences/?conf=bigcomp2014>. Papers can be submitted as either regular or short papers. Regular papers are limited to 4-6 pages and short papers limited to 2 pages. Details about the submission process including formatting instructions will be available at the conference website, <http://www.bigcomputing.org>.

Selected Journal Publication

Selected papers will be invited for publication in the following journals after further revision and extension:

- AMIS Journal (SCIE)
- Data & Knowledge Engineering Journal (DKE) (SCIE, IF=1.5)
- METHODS Journal (SCI, IF=3.6)
- Information Journal (SCOPUS)
- International Journal of Big Data Intelligence (IJBDI) (SCOPUS)
- Journal of Computing Science & Engineering (JCSE) (Applied for SCIE).

All accepted regular and short papers will be published in the conference proceedings.

Awards

Best Paper Awards will be conferred at the conference to the authors of selected outstanding papers.

Important Dates

- Full paper submission due: **October 13, 2013**
- Acceptance notification: **November 22, 2013**
- Camera-ready copies due: **December 16, 2013**



KOREAN INSTITUTE OF
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Data
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