IEEE BigComp 2017

IEEE | BigComp 2017 | IEEE computer society | Data Engineering | KOREAN INSTITUTE OF INFORMATION SCIENTISTS AND ENGINEERS

CALL FOR PAPERS
2017 IEEE International Conference on
Big Data and Smart Computing
February 13-16, 2017, Jeju Island, Korea

http://www.bigcomputing.org

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Big data and smart computing are emerging research fields that have recently drawn much attention from computer science and information technology as well as from social sciences and other disciplines. The goal of the International Conference on Big Data and Smart Computing (BigComp), initiated by KIISE (Korean Institute of Information Scientists and Engineers), is to provide an international forum for exchanging ideas and information on current studies, challenges, research results, system developments, and practical experiences in these emerging fields. Following the successes of the previous BigComp conferences in Bangkok, Thailand (2014), Jeju, Korea (2015), and Hong Kong, China (2016), the 2017 International Conference on Big Data and Smart Computing (BigComp 2017) will be held in Jeju, Korea. The conference is co-sponsored by IEEE and KIISE. BigComp 2017 invites authors to submit original research papers and original work-inprogress reports on any aspects of big data and smart computing.

Related Topics
The topics of interest for BigComp2017 include (but are not limited to) the following:

- Techniques, models and algorithms for big data
- Machine learning and AI for big data
- Web search and information retrieval
- Models and tools for smart computing
- Cloud and grid computing for big data
- Security and privacy for big data
- Smart devices and hardware
- Big data applications: Bioinformatics, Multimedia, Smartphones, etc.
- Tools and systems for big data
- Data mining, graph mining and data science
- Infrastructure and platform for smart computing
- Big data analytics and social media
- Hardware/software infrastructure for big data
- Mobile communications and networks
- Smart location-based services

Submission
Papers must be formatted in PDF according to the IEEE two-column format for conference proceedings and submitted through EasyChair, http://www.easychair.org. The direct link for paper submission is https://www.easychair.org/conferences/?conf=bigcomp2017. Papers can be either regular or short papers, where regular papers are limited to 8 pages and short ones to 4 pages. Details about the submission process including formatting instructions are at the conference website.

Journal Publication
Selected papers will be invited for publication in the following journals after further revision and extension.
- METHOD Journal (SCI)
- Journal of data mining and bioinformatics (SCIE)
- The Journal of Supercomputing (SCI)
- Journal of Computing Science and Engineering (Scopus)

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

Important Dates
- Full paper submission due: ~~September 30~~ ~~October 21~~ **November 4, 2016 (Extended)**
- Acceptance notification: **December 16, 2016**
- Camera-ready copies due: **January 13, 2017**
- Conference: **February 13-16, 2017**