

FINAL CALL FOR PAPER

The 3rd International Conference on Big Data and Smart Computing

January 18-20, 2016, Hong Kong, China

<http://www.bigcomputing.org/2016>



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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 KIIE (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), and Jeju, Korea (2015), the 2016 International Conference on Big Data and Smart Computing (BigComp 2016) will be held in Hong Kong. Notably, world renowned database experts, Kyu-Young Whang, KAIST, Korea and Elisa Bertino, Purdue University, USA, will be the keynote speakers of this year's conference. Kyu-Young Whang will talk on "DB-IR Integration and Its Application to a Massively-Parallel Search Engine", and Elisa Bertino on "Security and Privacy for the IoT"

Related Topics

BigComp 2016 invites authors to submit original research papers and work-in-progress reports on any aspects of big data and smart computing. The topics of interest for BigComp2016 include (but are not limited to) the following:

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

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=bigcomp2016>. 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

Accepted papers will be published in the conference proceedings to be submitted to IEEE Xplore, and selected papers will be recommended to the following journals for further publication after extension:

- The Journal of Supercomputing (SCI)
- Data & Knowledge Engineering (SCIE)
- Cluster Computing (SCIE)
- Journal of Big Data (a new Springer journal)

Best Paper Awards

Awards will be conferred to the authors of selected outstanding papers, including a Best Asian Paper Award (preferably with the emphasis in NLP) sponsored by AFNLP.

Important Dates

- Abstract submission due: **October 7, 2015 (23:59, HKT)**
- Full paper submission due: **September 30** **October 10, 2015 (23:59, HKT)**
- Acceptance notification: **November 15** **November 22, 2015**
- Camera-ready copies due: **December 13, 2015**
- Conference: **January 18-20, 2016**