

Call for Papers

Cloud Computing and Big Data Symposium, ICNC 2014

Honolulu, Hawaii, February 4-6, 2014

<http://www.conf-icnc.org/2014>

Symposium Co-Chairs

Jian Tang, Syracuse University, USA

Email: jtang02@syr.edu

Chonggang Wang, InterDigital, USA

Email: cgwang@ieee.org

Hongfang Yu, University of Electronic Science and Technology of China, China

Email: yuhf@uestc.edu.cn

Scope

Cloud computing has emerged as a *de facto* computing model, enabling software, infrastructure, and information to be used as services over the network in an on-demand manner. Currently, both industry and academia are undergoing a profound transformation with the use of large-scale, diverse, and high-resolution datasets that allow for data-intensive decision-making, at a level never before imagined. The Cloud Computing and Big Data symposium solicits high-quality original research papers in all aspects of Cloud Computing and Bid Data with emphases on Cloud Systems, Cloud Services and Big Data Management in Clouds. Topics of interests include, but are not limited to:

- Cloud Computing Architectures and Systems
- Cloud Resource Virtualization and Management
- Virtual Machine Management in Clouds
- High Performance Computing in Clouds
- Big Data Management in Clouds
- Big Data Processing in Clouds
- Stream Data Processing in Clouds
- MapReduce Systems and Applications
- GPU-accelerated Cloud Computing
- GPU-accelerated Data Processing
- Data Center Networking
- Software Defined Networking for Cloud Computing
- Software Defined Networking for Data-Intensive Applications
- Cloud Storage
- Green Cloud Computing
- Mobile Cloud Computing
- Cloud Computing in Social Networks
- Cloud Computing for Internet of Things

- Cloud-assisted Multimedia Systems
- Infrastructure as a Service (IaaS)
- Software as a Service (SaaS)
- Platform as a Service (PaaS)
- Big Data as a Service
- Sensing as a Service
- Security and Privacy in Cloud Computing
- New Cloud Services and Applications

Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2014/author.htm>

Direct paper submission weblink of this symposium can be found at <http://www.conf-icnc.org/2014/cfp.htm>

Short Biographies of Co-chairs

Prof. Jian Tang

Jian Tang is an Assistant Professor in the Department of Electrical Engineering and Computer Science at Syracuse University. He received his Ph.D. degree in Computer Science from Arizona State University in 2006. His research interests lie in the areas of cloud computing, big data and wireless networking with emphases on resource allocation, data processing and energy efficiency. He received an NSF CAREER Award in 2009. He is an associate editor of IEEE Transactions on Vehicular Technology. He served as a co-chair for the IEEE Globecom'2011 Wireless Networking Symposium and the ICNC'2012-2013 Wireless Networks Symposium. He also served as a TPC member for many international conferences such as IEEE Infocom'2010-2013, ICC'2006-2012, Globecom'2006-2012 and so on.

Dr. Chonggang Wang

Chonggang Wang received the Ph.D. degree from Beijing University of Posts and Telecommunications (BUPT) in 2002. He is currently a Senior Staff Member with InterDigital Communications. His current R&D focuses on Internet of Things (IoT) and Future Internet, including technology development and standardization. He is on the editorial board for several journals including IEEE Communications Magazine, IEEE Wireless Communications Magazine, and IEEE Transactions on Network and Service Management. He is a senior member of the IEEE and the vice-chair of IEEE ComSoc Multimedia Technical Committee (MMTC).

Prof. Hongfang Yu

Hongfang Yu is a Professor in the School of Communication and Information Engineering at University of Electronic Science and Technology of China. Her current research interests include cloud computing, network virtualization and software defined network. Her research has been supported by NSFC, National Grand Fundamental Research 973 program and Huawei, et.al. She has authored/coauthored over dozens of papers on international journals and conferences. She

served as a TPC member for many international conferences such as IEEE Globecom, ACP, RNDM and so on.