

Call for Papers

Cloud Computing and Big Data (CLD) Symposium

ICNC 2019

Honolulu, Hawaii, USA, Feb 18-21, 2019

<http://www.conf-icnc.org/2019/>

Symposium Co-Chairs:

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Scope

With advances in cloud computing and storage, we are entering a new era when large scale distributed computation and analysis of big data sets becomes feasible. Cloud computing will also enable reliable, scalable, and performant services to be easily created and deployed. This will also have a profound effect not only in the field of computer science, but also in all areas of science, engineering, medicine, and other fields, which can benefit from large-scale machine learning and big-data analysis. The *Cloud Computing and Big Data (CLD) Symposium* solicits high quality original research papers in all aspects of Cloud Computing and Big Data related to improvements in cloud computing platforms and services as well as applications utilizing such platforms. Topics of interests include but are not limited to:

- Datacenter and cloud networking
- Cloud storage
- Cloud resource management and virtualization
- Cloud applications
- Mobile Cloud Computing
- High-performance cloud computing
- Cloud and cluster computing platforms and systems
- Large-scale graph processing systems
- Green cloud computing and datacenter energy optimizations
- GPU and FPGA cloud computing and processing
- Internet of Things (IoT) and the cloud
- Cloud services – Infrastructure/Platform/Software as a Service (IaaS, PaaS, SaaS)
- Security and privacy in the cloud
- Interactive big-data analytics
- Big data management and analysis
- Intelligence in the cloud
- Large-scale machine learning and statistical analysis approaches in the cloud

Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2019/author.htm>

Direct paper submission for this symposium can be found at <http://www.conf-icnc.org/2019/cfp.htm>

Short Biographies of Co-chairs

Dr Toktam Mahmoodi is Associate Professor in Telecommunications and Director of the Centre for Telecommunications Research (CTR) in King's College London. Previously, she was visiting research scientist at F5 Networks, research associate in Imperial College London, Mobile VCE researcher, and telecom R&D engineer. Toktam is and has been involved in number of European FP7 and H2020 projects on 5G mobile networks, vehicular communications, and Software-defined Networking. She is executive editor of Transactions on Emerging Telecommunications Technologies, series guest editor of JSAC on network softwarization, and area editor of IEEE Communications Standard Magazine on management & orchestration. Her research focuses on the areas of mobile and cloud networking, and includes ultra-low latency networking, network virtualisation, mobility management, network modelling and optimisation. She also works on applications of mobile communications in the healthcare, smart cities, industrial networks and intelligent transportation.

Dr. Hua Fang is Associate professor in the Department of Computer and Information Science, University of Massachusetts Dartmouth, and adjunct Associate Professor, Division of Biostatistics and Health Services Research, Department of Quantitative Health Sciences, University of Massachusetts Medical School. Her current research interests include machine or statistical learning of wearable biosensor data, broadly in E-/M-health and Internet of Things. She is specialized in behavioral trajectory pattern recognition and missing data analyses in longitudinal studies. She has sustained continuous funding from federal agencies over a decade. She has served on several IEEE editorial boards such as IEEE IoT and TPC of ACM/IEEE conferences, e.g., ACM KDD, IEEE ICDM or ACM/IEEE CHASE.