

# Call for papers

## Cloud Computing and Networking Symposium, ICNC 2013

San Diego, Jan. 28 – 31, 2013

<http://www.conf-icnc.org/2013/>

### Symposium Co-chairs

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### Scope

Cloud computing has gained great attention from both, academia as well as from Industry. The Cloud Computing and Networking Symposium (ICNC-CLD) will address on topics related to all the broad aspects of the infrastructure which includes computing centers and data centers, the cloud network, and its end-user services. The challenges on architecture, its performance, reliability, security, maintainability and the virtualization of the cloud are all very important fields to discuss at the symposium. Contributions devoted to the evaluation, optimization, or enhancement of Cloud Computing and Networking for current technologies, as well as solutions for emerging areas from physical layer technology to the application layer, are solicited.

To ensure complete coverage of the advances the Cloud Computing and Networking Symposium presents original contributions in, but not limited to, the following topical areas:

- Cloud computing programming and application
- Cloud technologies
- Computing Centers
- Cloud Security
- Data as a Service
- Data Centers
- Discovery of Services, Data and other Resources
- Fault-Tolerance, Reliability and Consistency Models
- Infrastructure Platform Application Integration
- Mobile clouds
- Models for Managing Clouds of Clouds and its Internetworking
- Monitoring, Control and Management
- Networking Architectures in Clouds
- Peer to Peer Aspects
- Performance Models and Evaluation
- Platform as a Service
- Principles of Virtualization
- Public versus Private Areas in Clouds
- Scalability of Clouds and its Networks
- Simulations on Cloud Networking
- Software as a Service
- Traffic and Load Balancing

### Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2013>

Direct paper submission weblink of this symposium can be found at <http://www.conf-icnc.org/2013/>

## **Short biography of co-chairs**

### **Kui Ren**

Kui Ren is an Assistant Professor in the Department of Electrical and Computer Engineering at Illinois Institute of Technology. He obtained his PhD degree in Electrical and Computer Engineering from Worcester Polytechnic Institute in 2007. He received his B. Eng and M. Eng both from Zhejiang University in 1998 and 2001, respectively. His research focuses on data service outsourcing security in cloud computing, secure computation outsourcing in cloud computing, and cyber physical system security. Kui's research is supported by multiple grants from NSF, DoE, AFRL, and Amazon. Kui serves on the editorial boards of IEEE Transactions on Smart Grid and IEEE Wireless Communications. He is a board member of Internet Privacy Task Force of Illinois State. He is also a recipient of NSF CAREER Award in 2011 and a co-recipient of IEEE ICNP'11 best paper award. He is a senior member of IEEE.

### **Roberto Di Pietro**

Roberto Di Pietro is an Assistant Professor at the Department of Mathematics of Università di Roma Tre - Roma, Italy. He obtained the Ph.D. in Computer Science from the Università di Roma "La Sapienza", Italy, in 2004 and a M.Sc. in Computer Science from the Università di Pisa, Italy, in 1994. He has been visiting scholar at the UNESCO Chair in Data Privacy (URV), Institut EURECOM, George Mason University-CSIS, and University Carlos III. He has been publishing more than one hundred security&privacy-related papers in top international journals and conference proceedings. He has been taking part in more than seventy Technical Programme Committee of conferences and workshop related to security, and has been contributing to the organization of conferences like ACM WiSec, ICCCN, ACNS, and SecureComm. His main research interests include security&privacy aspects for: virtualization and cloud, access control (role mining), wireless communications; distributed systems.

### **Jiang Zhu**

Jiang Zhu is a senior technical leader in Advanced Architecture and Research group at Cisco Systems, Inc. He has over 15 years of industrial experience building networked systems ranging from embedded devices to large-scale media systems. His research focuses on adaptive content networking, large-scale data systems, software defined networking (SDN), cloud service orchestrations and applications of data mining and machine learning in these fields. He did his doctoral study focusing on SDN and OpenFlow in High Performance Networking Group at Stanford University. He also received his M.S. degrees in Electrical Engineering and in Management Science & Engineering from Stanford University. Before Stanford, he obtained his M.S. in Computer Science from DePaul University and B.Eng. in Automation from Tsinghua University.