UCC 2012

The 5th IEEE/ACM International Conference on Utility and Cloud Computing
November 5-8, 2012
Chicago, Illinois, USA
http://www.cloudbus.org/ucc2012

Cloud Computing promises to deliver computational resources on demand as a service that are commoditized and delivered as in traditional utilities such as electricity, gas and water. UCC is the premier IEEE/ACM conference covering all areas related to Cloud Computing as a Utility. Submissions are invited to UCC 2012.

Conference Scope

Topics of interest include (but are not limited to):

- Pricing and Service Models for Utility Computing
- Cloud Computing Architectures and Middleware
- Cloud Programming Models, Languages and Frameworks
- Virtualization Technologies
- Formal Methods for Utility and Cloud Computing
- Cloud Management: Autonomic, Self-*, and Adaptive
- Energy Efficient Clouds
- Mobile Clouds
- Service Level Agreements
- Private, Public and Hybrid Clouds
- Scalability and Reliability in Cloud Services
- Security, Privacy, Trust and Jurisdiction
- Interoperability and Standardization for Federated Clouds
- Cloud Stack (*aaS): Infrastructure, Platform, Software as a Service
- Resource Management: Brokering, Scheduling, Capacity Planning and Elasticity
- Performance Models and Monitoring
- Case Studies and Applications including Games, Social Networks, Scientific Computing, and Business Intelligence

Paper Submission

Authors are invited to submit papers electronically through EasyChair. Manuscripts may not exceed 8 letter size (8.5 x 11) pages including figures, tables and references using the IEEE format for conference proceedings (print area of 6-1/2 inches (16.51 cm) wide by 8-7/8 inches (22.51 cm) high, two-column format with columns 3-1/16 inches (7.85 cm) wide with a 3/8 inch (0.81 cm) space between them, single-spaced 10-point Times fully justified text). Submitted papers must represent original unpublished research that is not currently under review for any other conference or journal. Papers not following these guidelines will be rejected without review and further action may be taken, including (but not limited to) notifications sent to the heads of the institutions of the authors and sponsors of the conference. The proceedings will be published by the IEEE Computer Society, USA, and will be made available online through the IEEE Digital Library.

Important Dates (tentative)

May 4: Workshop and Tutorial Proposals due
~~**June 25**~~ **July 9:** Regular Paper Submissions due
August 10: Notification of acceptance or rejection of papers
August 24: Posters and Demos Submissions due
September 7: Camera Ready versions due
November 5-8: Symposium

Conference Chair: Gul Agha (University of Illinios at Urbana-Champaign)
Program Co-Chairs: Carlos Varela (Rensselaer Polytechnic Institute), Manish Parashar (Rutgers University)
Workshops and Tutorials Chair: Shrideep Pallickara (Colorado State University)
Local Chair: Pavan Balaji (Argonne National Laboratory, Argonne, IL, USA)
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