

8th IEEE/ACM International Conference on Utility and Cloud Computing

December 07-10, 2015 – St. Raphael Resort, Limassol, Cyprus

DESCRIPTION

Cloud Computing delivers computational resources on-demand as services that are commoditized and delivered analogous to traditional utilities such as electricity, gas, water and telephony. Cloud service offerings for compute, storage and communication resources as well as for hosted software and data are growing at a tremendous rate, and it is essential to understand how to effectively transform these services into Utilities that provide value to both users and providers. There is also increasing interest from commercial providers to offer business and revenue models around the services they offer. Understanding how these models could be used to provide utility for users, intermediary brokers (aggregators) and providers is also an area of active research. UCC is the premier IEEE/ACM conference covering all areas related to Cloud Computing as a Utility and provides an international forum for leading researchers and practitioners in this important and growing field. UCC 2015, to be held in Cyprus, will happen as Cloud providers worldwide add new services and increase Cloud utility at an accelerated pace, and Cloud service users explore new usage modes.

UCC 2015 is the 8th UCC in a successful conference series. UCC 2015 happens while cloud providers worldwide add new services and increase utility at an accelerated pace and is therefore of high relevance for both academic and industrial research. Authors are invited to submit original unpublished research posters and demos to the UCC 2015 conference.

CALL FOR POSTERS & DEMOS

The submission areas of interest for posters and demos include but are not limited to:

- Big Data and Analytics
- Big Data and Analytics
- Principles and theoretical foundations of Utility Computing, including pricing and service models
- Policy languages and Programming models
- Architectural models to achieve Utility in Clouds
- Designs and deployment models for Clouds: private, public, hybrid, federated, aggregated
- Cloud Computing middleware, stacks, tools, delivery networks and services at all layers (XaaS)
- Virtualization technologies and other enablers
- Economic models and scenarios of use
- Scalability and resource management: brokering, scheduling, capacity planning, parallelism and elasticity, as well as marketplaces
- Cloud management: autonomic, adaptive, self-*, SLAs, performance models and monitoring
- Applications: games, social networks, scientific computing (e-science) and business
- Mobile and energy-efficient use of Clouds
- Beyond technology: Cloud business and legal implications, such as security, privacy, trust and jurisdiction especially in Utility contexts

POSTER PRESENTATION

The authors of accepted posters will be given a 3-minutes time slot to present their work, following the three minutes thesis (3MT) style, at the UCC 2015 Poster Session. The authors will also present their posters and discuss their research with the conference attendees and visitors in the poster exhibition session. The recommended poster size is A0 (33.1 x 46.8 in, portrait).

SUBMISSION GUIDELINES

Authors are required to submit a 2-page short paper describing the poster/demo content, research, relevance and importance to the cloud computing community. If accepted, these 2-page short papers will be published in the proceedings of the conference. Participants will be able to display the poster and showcase the demo during the conference. Authors are invited to submit their contributions electronically through EasyChair:

<https://www.easychair.org/conferences/?conf=ucc2015posters>

The best poster will receive a best poster award based on evaluation rating from the Award/Review Committee.

COMMITTEES

General Chairs

- Ashiq Anjum, University of Derby, UK
- George Papadopoulos, University of Cyprus

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- Nick Antonopoulos, University of Derby, UK
- George Palis, University of Cyprus, Cyprus

Publicity Chair

- Georgia Kapitsaki, University of Cyprus, Cyprus

IMPORTANT DATES

- Proceeding published posters due: 28 August, 2015
- Notification of Acceptance: 18 September, 2015
- Final version due: 21 September, 2015

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