CALL FOR DOCTORAL SYMPOSIUM

Description and Topics of Interest

The aim of the Doctoral Symposium of UCC 2015 is to provide PhD students at all stages of their research a supportive environment to discuss their research proposal, practices and methods, and to promote networking and collaboration. The Doctoral Symposium is an opportunity for students to obtain helpful feedback of their research from leading academics and practitioners in cloud computing technology.

PhD Students are invited to submit new contributions describing their research. The topics of interest include, but are not limited to, the following aspects of utility and cloud computing.

- Formal modelling and analysis of cloud computing
- Big Data and Analytics
- Principles and theoretical foundations of Utility Computing, including pricing and service models
- Policy languages and Programming models
- Utility driven model and mechanisms for Cloud federations
- Autonomic techniques for Clouds and Cloud applications
- Utility-driven platforms for Clouds
- 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

IMPORTANT DATES

- Submission Due Date: 28 August 2015 (11:59 p.m. Apia, Samoa – FIRM and FINAL)
- Notification of Acceptance Date: 7 September, 2015
- Camera-Ready Date: 21 September 2015
- Doctoral Symposium Date: One day workshop, between 7-10 December 2015
Submissions will be assessed by at least three members of the programme committee. They will be evaluated on the basis of their relevance to the UCC conference series, research potential, and the quality and rigour of the research methods described.

All contributions must be in IEEE double-column format, available for download:

https://www.ieee.org/conferences_events/conferences/publishing/templates.html

and should describe, in English, original work that has not been published or submitted for publication elsewhere. PDF versions of papers should be submitted electronically via EasyChair, using the link:

https://easychair.org/conferences/?conf=ucc20150

We solicit three categories of contributions

1. Doctoral Research Papers, maximum 6 pages
2. Extended Research Abstracts, maximum 4 pages
3. Posters presentations, maximum 2 pages.

Accepted contributions will appear in the UCC 2015 Conference Proceedings. The proceedings will be published by the IEEE Computer Society and will be made available online through the IEEE Digital Library.

**COMMITTEES**

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