

# 8<sup>th</sup> IEEE/ACM International Conference on Utility and Cloud Computing

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

## CALL FOR TUTORIALS

The 8th IEEE/ACM International Conference on Utility and Cloud Computing (UCC 2015) will be held in St. Raphael Resort, Limassol, Cyprus from December 7-10, 2015. UCC 2015 invites half-a-day (preferably 3 hours in length, although longer tutorials can be considered) proposals on specific aspects of Utility and Cloud Computing, particularly relating to the subject areas indicated in the list of topics below. We seek proposals across a wide range of topics and levels — ranging from fundamentals to the latest advances in hot topic areas. Topics of interest include (but are not restricted to):

### Topics of Interest

- 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

Tutorial Proposals Due: 3rd July, 2015  
Notification of Acceptance: 14th August, 2015  
Final Description: 14th September, 2015  
Tutorial Slides Due: 13th November, 2015

### Chairs

- Ewa Deelman, [deelman@isi.edu](mailto:deelman@isi.edu)
- Rafael Tolosana-Calasanz, [rafaelt@unizar.es](mailto:rafaelt@unizar.es)

### Submission

Tutorial proposals should be sent by e-mail to the tutorial chairs

### Format

Proposals should be submitted in PDF format

# PROPOSAL REQUIREMENTS

Each tutorial proposal must contain the following:

1. Title
2. Name and Affiliation of the Speaker(s)
3. Abstract (one paragraph, 200 words máx., including previous experience with such tutorials)
4. Intended Audience (one paragraph) and prerequisites: Describe the background assumed of tutorial attendees (i.e. beginner, intermediate, advanced), and any requirements needed (e.g. bring own laptop)
5. Learning Outcome (one paragraph): Describe the benefit, knowledge or skill that will be gained by attendees.
6. Description (no more than 2 pages): A statement giving clear motivation/justification for the topic to be presented at UCC 2015 and a comprehensive outline of the proposed content.
7. Statement on if this tutorial has been given before and if so how this presentation will be different.
8. Materials (one paragraph): A description of materials to be provided to attendees on the conference website – course slides, annotated bibliography, code snippets, etc. NOTE: the materials themselves do not need to be provided in the proposal.
9. Bio-sketch: A single paragraph bio-sketch per tutorial presenter.
10. Requested tutorial length (preferably ½ day).

## RESPONSIBILITIES

Materials for the tutorial must be emailed by the 13th of November 2015 at the latest. The UCC 2015 Conference Organizing Committee will be responsible for the following:

- Providing logistics support and a meeting place for the tutorial.
- In conjunction with the organizers, determining the tutorial date and time.
- Providing copies of the tutorial materials to attendees.

## COMMITTEES

### General Chairs

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

### Program Committee Chairs

- Manish Parashar, Rutgers University, US
- Omer Rana, Cardiff University, UK

### Standards/Plug-fest Chair

- Alan Sill, Texas Tech, USA & Open Grid Forum

### Workshops Chairs

- Ilkay Altintas, SDSC, USA
- Josef Spillner, TU Dresden, Germany

### Tutorials Chairs

- Ewa Deelman, USC, USA
- Rafael Tolosana, Univ. of Zaragoza, Spain

### Posters Chair

- Khalid Elgazzar, Queen's University, Kingston, Canada

### PhD Symposium Chair

- Kenneth Johnson, Auckland University of Technology, New Zealand

### Cloud Challenge 2015 Chair

- Ian Taylor, Cardiff University, UK

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- Achilleas Achilleos, University of Cyprus, Cyprus

### Proceedings Chairs

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

### Publicity Chair

- Georgia Kapitsaki, University of Cyprus, Cyprus

## CONTACT

### Academic Matters

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### Organisational Matters

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