

# Cloud Challenge 2014

The Cloud Challenge 2014 will be held in conjunction with the ACM/IEEE International Conference on Utility and Cloud Computing 2014 (UCC), December 8-11<sup>th</sup>, in London, UK.

## Call for Proposals

Cloud Challenge is a competition where participants develop solutions for real-world problems by utilizing virtualization technologies and Cloud computing. The competitors have to submit their proposals outlining the nature of the problem that might range from business, scientific to socio-lifestyle applications, the methodology used to solve the problem and the means of validation of the solution. Further the competitors have to outline how characteristics of Cloud computing and virtualization can lead to business value, or to improve existing processes, practices, tools and applications. The steps that lead to the successful adoption of Cloud computing and virtualization services have to be explained.

From those proposals, finalists will be selected to present their work at the conference, including a demonstration of the system or software. The judges will award a first prize winner at the conference.

Competitive submissions will have clearly identified a significant real-world problem that requires Cloud Computing and can benefit from the utilization of Cloud infrastructures. Cloud infrastructures can be of any kind like private, public, or hybrid Clouds.

Proposals may be up to 6 pages long in the standard IEEE paper format. Proposals should clearly indicate:

- An overview of the real-world problem that requires and/or can benefit from Cloud Computing.
- Precise definition of several qualitative and/or quantitative metrics that will be utilized to measure the efficacy of the Cloud solution, e.g., energy consumption, level of software maintenance, performance, or scalability.
- The software and hardware systems used to address the problem.
- An analysis of the impact, significance, and novelty of the solution.

Finalists selected to present their work at the conference will give a technical talk, provide a demonstration of the system, and answer questions posed by the judges.

Proposals will be judged according to the criteria listed above, and finalists will be invited to present their solution at the conference. At least one member from each selected team must register, present and demonstrate their project at UCC 2014. Winners and runners up will get prizes and certificates that will be announced soon.

## Publication

Proposals selected for the presentation (finalist) will be included in the proceedings of the conference as short papers.

## Submission

Cloud challenge 2014 proposals can be submitted at the conference submission site: <https://www.easychair.org/conferences/?conf=cloudchallenge2014>

## Important Dates

- Proposal papers due: ~~15<sup>th</sup> August 2014~~ **August 29<sup>th</sup>, 2014 (Extended Deadline)**
- Finalists selected: 15<sup>th</sup> Sep 2014
- Final presentations: Dec 08<sup>th</sup> – 11<sup>th</sup> 2014

## Chair

- Ivona Brandic, Vienna University of Technology

## Committee

- Vincent Emeakaroha, University College Cork, Ireland
- Phillipp Leitner, University of Zurich, Switzerland
- Attila Kertesz, MTA SZTAKI, Hungary
- Georges Da Costa, Toulouse University, France
- Srikumar Venugopal, University of New South Wales, Australia
- Marco Netto, IBM, Brazil