

CLOUD COMPUTING 2015

Forward

The Sixth International Conference on Cloud Computing, GRIDs, and Virtualization (CLOUD COMPUTING 2015), held between March 22-27, 2015 in Nice, France, continued a series of events targeted to prospect the applications supported by the new paradigm and validate the techniques and the mechanisms. A complementary target was to identify the open issues and the challenges to fix them, especially on security, privacy, and inter- and intra-clouds protocols.

Cloud computing is a normal evolution of distributed computing combined with Service-oriented architecture, leveraging most of the GRID features and Virtualization merits. The technology foundations for cloud computing led to a new approach of reusing what was achieved in GRID computing with support from virtualization.

The conference had the following tracks:

- Cloud computing
- Computing in virtualization-based environments
- Platforms, infrastructures and applications
- Challenging features

Similar to the previous edition, this event attracted excellent contributions and active participation from all over the world. We were very pleased to receive top quality contributions.

We take here the opportunity to warmly thank all the members of the CLOUD COMPUTING 2015 technical program committee, as well as the numerous reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and effort to contribute to CLOUD COMPUTING 2015. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the CLOUD COMPUTING 2015 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that CLOUD COMPUTING 2015 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of cloud computing, GRIDs and virtualization. We also hope that Nice, France provided a

pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

CLOUD COMPUTING 2015 Chairs

CLOUD COMPUTING 2015 Advisory Chairs

Jaime Lloret Mauri, Polytechnic University of Valencia, Spain
Wolf Zimmermann, Martin-Luther University Halle-Wittenberg, Germany
Yong Woo Lee, University of Seoul, Korea
Alain April, École de Technologie Supérieure - Montreal, Canada
Aaron McConnell, University of Ulster, UK
Christoph Reich, Furtwangen University, Germany

CLOUD COMPUTING 2015 Industry/Research Chairs

Wolfgang Gentzsch, The UberCloud, Germany
Tony Shan, Keane Inc., USA
Donglin Xia, Microsoft Corporation, USA
Laura Moore, SAP, UK
Anna Schwanengel, Siemens AG, Germany
Atsuji Sekiguchi, Fujitsu Laboratories Ltd., Japan

COULD COMPUTING 2015 Special Area Chairs

Security

Aljosa Pasic, ATOS Research, Spain
Chih-Cheng Hung, Southern Polytechnic State University - Marietta, USA

GRID

Jorge Ejarque, Barcelona Supercomputing Center, Spain
Javier Diaz-Montes, Rutgers University, USA
Nam Beng Tan, Nanyang Polytechnic, Singapore

Autonomic computing

Ivan Rodero, Rutgers the State University of New Jersey/NSF Center for Autonomic Computing, USA
Hong Zhu, Oxford Brookes University, UK

Service-oriented

Qi Yu, Rochester Institute of Technology, USA

Platforms

Arden Agopyan, CloudArena, Turkey

Dariusz Król, Academic Computer Center CYFRONET - Cracow, Poland