

CLOUD COMPUTING 2010

Foreword

The First International Conference on Cloud Computing, GRIDs, and Virtualization [CLOUD COMPUTING 2010], held between November 21 and 26 in Lisbon, Portugal, inaugurated an event under the umbrella of ComputationWorld 2010 intended 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.

We take here the opportunity to warmly thank all the members of the CLOUD COMPUTING 2010 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to CLOUD COMPUTING 2010. 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 are grateful to the members of the CLOUD COMPUTING 2010 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that CLOUD COMPUTING 2010 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the areas of cloud computing, GRIDs, and virtualization.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the beautiful surroundings of Lisbon, Portugal.

CLOUD COMPUTING 2010 Chairs:

David Bernstein, Huawei, USA

Jorge Ejarque, Barcelona Supercomputing Center, Spain

Wolfgang Gentzsch, EU Project DEISA, Board of Directors of OGF, Germany

Daniel S. Katz, University of Chicago & Argonne National Laboratory, USA

Dieter Kranzlmüller, LMU & LRZ - Munich, Germany

Yong Woo Lee, University of Seoul, Korea

Geng Lin, Cisco Systems, Inc., USA

Leslie Liu, IBM T.J Watson Research, USA

Tiziana Margaria, University of Potsdam, Germany

Tony Shan, Keane Inc., USA

Aameek Singh, IBM Research - Almaden, USA

Kerry Taylor, CSIRO ICT Centre, Australia

Wolf Zimmermann, University of Halle, Germany