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ORMaCloud'13

Proceedings of the 2013 ACM Workshop on

Optimization Techniques for Resources Management in Clouds

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ORMaCloud 2013 - Chairs' Welcome

It is our great pleasure to welcome you to the first edition of the *International Workshop on Optimization techniques for Resources Management in Cloud – ORMaCloud 2013 –* co-located with the *22nd ACM Symposium on High-Performance Parallel and Distributed Computing.*

This workshop has been conceived to be a forum for presentation of research results and experience reports on management and optimization issues related to dependability, scalability, economicity and performance at each level of cloud computing infrastructures. In fact, cloud computing is gaining an increasing degree of popularity and interest both in the industrial and in the scientific community, allowing customers to outsource the management of physical resources by renting in a pay-per-use fashion a variable amount of resources according to their actual needs. Anyhow, despite the results obtained by researchers, advancing in information technology poses many challenges on resource management to hide customers the details of physical resources and to provide a flexible and efficient environment to users. The main focus of the workshop is to share novel Cloud resource optimization solutions that fulfill the needs of heterogeneous applications and environments as well as to identify new directions for future research and development.

The call for papers attracted high-quality submissions from several countries. Among these contributions the program committee accepted five papers covering a wide variety of topics. In addition to these contributions, the program includes an opening speech on Cloud Federations held by Dr. Massimo Coppola.

We thank our colleagues Emanuele Carlini and Gaetano Anastasi who supported us in the organization as workshop publicity chairs. Special thanks go to Lisa Tolles from ACM who guided us in organizing the paperwork for ACM-Sheridan Proceedings Service.

Putting together *ORMaCloud 2013* was a team effort. We first thank the authors for providing the content of the program. We are grateful to the program committee, who worked very hard in reviewing papers and providing feedback for authors. Finally, we thank the HPDC 2013 Workshop Chair, Abhishek Chandra, for his really precious support in the organization of this workshop.

We hope that you will find this program interesting and that this workshop will provide you with a valuable opportunity to share ideas with other researchers and practitioners from important institutions around the world.

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