



VHPC '09
Workshop Program
2009-08-25

4th Workshop on Virtualization and High-Performance Cloud Computing - VHPC '09

Euro-Par 20089, Delft, The Netherlands

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- 09:30 - 10:00 *SSD-HDD-Hybrid Virtual Disk in Consolidated Environments.*
Heeseung Jo (Korea Advanced Institute of Science and Technology, KR); Youngjin Kwon (Korea Advanced Institute of Science and Technology, KR); Hwanju Kim (KAIST, KR); Euiseong Seo (Ulsan National Institute of Science and Technology, KR); Joonwon Lee (SungKyunKwan University, KR); Seung Ryoul Maeng (Korea Advanced Institute of Science and Technology, KR)
- 10:00 - 10:30 *GPU Virtualization in High Performance Clusters.*
Jose Duato (Universidad Politecnica de Valencia, ES); Francisco Igual-Peña (Universidad Jaume I, ES); Rafael Mayo (Universidad Jaume I, ES); Antonio Peña (Universidad Politécni ca de Valencia, ES); Enrique Quintana-Ortí (Universidad de Jaume I, ES); Federico Silla (Technical University of Valencia, ES)
- 10:30 - 11:00 *MyriXen: Message Passing in Xen Virtual Machines over Myrinet and Ethernet.*
Anastassios Nanos (National Technical University of Athens, GR); Nectarios Koziris (National Technical University of Athens, GR)
- 11:00 - 11:30 Morning Coffee Break
- 11:30 - 12:00 *Virtage: Hitachi's Virtualization Technology.*
Hitoshi Ueno (Hitachi, Ltd., JP); Satomi Hasegawa (HITACHI, Ltd., JP)
- 12:00 - 12:30 *Scalable Repositories for Virtual Clusters.*
Paolo Anedda (CRS4, IT); Simone Leo (CRS4, IT); Massimo Gaggero (CRS4, IT); Gianluigi Zanetti (CRS4, IT)

- 12:30 - 13:00 *Dynamic Virtual Cluster reconfiguration for efficient IaaS provisioning.*
Vittorio Manetti (University of Naples "Federico II", IT);
Pasquale Di Gennaro (University of Napoli, Federico II, IT); Roberto Bifulco (University of Napoli Federico II, IT);
Roberto Canonico (University of Napoli Federico II, IT);
Giorgio Ventre (University of Napoli Federico II, IT)
- 13:00 - 14:30 Lunch
- 14:30 - 15:00 *Building elastic cloud computing infrastructures in the Open Cirrus Testbed with Eucalyptus.*
Christian Baun (Forschungszentrum Karlsruhe GmbH, DE); Marcel Kunze (Karlsruhe Institute of Technology (KIT), DE)
- 15:00 - 15:30 *Providing Grid Services based on Virtualization and Cloud Technologies.*
Javier López Cacheiro (CESGA, ES); Carlos Fernández (CESGA, ES); Esteban Freire (CESGA, ES); Sergio Diaz (CESGA, ES); Alvaro Simon (CESGA, ES)
- 15:30 - 16:00 *Real-Time Issues in Live Migration of Virtual Machines.*
Fabio Checconi (Scuola Superiore S. Anna, IT); Tommaso Cucinotta (Scuola Superiore Sant'Anna, IT); Manuel Stein (Alcatel-Lucent Bell Labs, DE)
- 16:00 - 16:30 Afternoon Coffee Break
- 16:30 - 17:30 Panel Discussion