



VHPC '11

2011-08-30

6th Workshop on Virtualization and High-Performance Cloud Computing
Euro-Par 2011, Bordeaux, France

Workshop Program

- 09:30 - 10:00 *Group-Based Memory Deduplication for Virtualized Clouds.*
Sangwook Kim; Joonwon Lee (Sungkyunkwan University, Korea), Hwanju Kim (Korea Advanced Institute of Science and Technology)
- 10:00 - 10:30 *A Smart HPC interconnect for clusters of Virtual Machines.*
Anastassios Nanos; Stratos Psomadakis; Nectarios Koziris (National Technical University of Athens, Greece), Nikos Nikoleris (Uppsala University), Elisavet Kozyri (Cornell University)
- 10:30 - 11:00 *Coexisting scheduling policies boosting I/O Virtual Machines.*
Dimitris Aragioris; Anastassios Nanos; Nectarios Koziris (National Technical University of Athens)
- 11:00 - 11:30 Morning Coffee Break
- 11:30 - 12:00 *PIGA-Virt: an Advanced Distributed MAC Protection of Virtual Systems.*
Christian Toinard (ENSI Bourges)

- 12:00 - 12:30 *An Economic Approach for Application QoS Management in Clouds.*
Stefania Victoria Costache; Nikos Parlavantzas; Christine Morin (INRIA Rennes, France), Samuel Kortas (Électricité de France)
- 12:30 - 13:00 *Evaluation of the HPC Challenge Benchmarks in Virtualized Environments.*
Piotr Luszczek; Eric Meek; Shirley Moore; Dan Terpstra; Vince Weaver; Jack Dongarra (University of Tennessee at Knoxville)
- 13:00 - 14:30 Lunch
- 14:30 - 15:00 *DISCOVERY, Beyond the Clouds.*
Adrien Lèbre; Flavien Quesnel (Ecole des Mines de Nantes, France), Paolo Auedda; Massimo Gaggero (CRS4, Italy)
- 15:00 - 15:30 *Cooperative Dynamic Scheduling of Virtual Machines in Distributed Systems.*
Flavien Quesnel; Adrien Lèbre (Ecole des Mines de Nantes)
- 15:30 - 16:00 *Large-scale DNA Sequence Analysis in the Cloud: A Stream-based Approach.*
Romeo Kienzler; Nesime Tatbul (ETH Zurich), Anand Ranganathan (IBM Watson), Remy Bruggmann (Functional Genomics Center Zurich)