

ARMS-CC-2014 Timetable

08.45 – 09.00 Opening	Maria Gradinariu Potop-Butucaru and Florin Pop, ARMS-CC Chairs
09:00-10:00 Invited Paper Session Chair: Florin Pop, UPB	<i>Overcoming Data Locality: an In-Memory Runtime File System with Symmetrical Data Distribution</i> - Thilo Kielmann, VU Amsterdam
10:00-10:30 Coffee break	
10.30 – 12.00 Session 1: Scheduling Algorithms - Session Chair: Thilo Kielmann, VU Amsterdam	
<i>A Multi-Capacity Queuing Mechanism in Multi-Dimensional Resource Scheduling</i>	<u>Seyed Mehdi Sheikhalishahi</u> , Richard Wallace, Lucio Grandinetti, Jose Luis Vazquez-Poletti and Francesca Guerriero
<i>A Green Scheduling Policy for Cloud Computing</i>	Jordi Vilaplana Mayoral, Jordi Mateo, Francesc Solsona, Ivan Teixidó, Josep Rius and Francesc Abella
<i>A framework for speculative scheduling and device selection for task execution on a mobile cloud</i>	Ansuman Banerjee, <u>Himadri Sekhar Paul</u> , Arijit Mukherjee, Swarnava Dey and Pubali Datta
<i>An Interaction Balance Based Approach for Autonomic Performance Management in Cloud Computing Environment</i>	<u>Rajat Mehrotra</u> , Srishti Srivastava, Ioana Banicescu and Sherif Abdelwahed
<i>Power-efficient Assignment of Virtual Machines to Physical Machines</i>	Jordi Arjona Aroca, <u>Antonio Fernandez Anta</u> , Miguel A. Mosteiro, Christopher Thraves and Lin Wang
12:00-13:30 Lunch	
13:30-14:30 Invited Paper Session Chair: Maria Potop-Butucaru, UMPC-LIP6	<i>A principled approach to the performance-vs.-programmability trade-off in large-scale distributed data stores</i> - Marc Shapiro, INRIA & UMPC-LIP6
14.30 – 15.30 Session 2: Services and Applications - Session Chair: Mark Shapiro	
<i>Simulation of Multi-Tenant Scalable Cloud-Distributed Enterprise Information Systems</i>	<u>Alexandru-Florian Antonescu</u> and Torsten Braun
<i>Towards Type-based Optimizations in Distributed Applications using ABS and JAVA 8</i>	<u>Vlad Serbanescu</u> , Chetan Nagarajagowda, Frank De Boer, Keyvan Azadbakht and Behrooz Nobakht
<i>A Parallel Genetic Algorithm Framework for Cloud Computing Applications</i>	<u>Elena Apostol</u> , Iulia Balauta, Alexandru Gorgoi and Valentin Cristea
<i>Analysing Scalability Strategies for Service Choreographies on Cloud Environments</i>	<u>Raphael Gomes</u> , Fabio Costa and Ricardo C. A. Da Rocha
15:30-16:00 Coffee break	
16.00 – 17.30 Session 3: Foundational Models for Resource Management in Cloud - Session Chair: Alexandru Costan, INRIA Rennes	
<i>Towards Efficient Power Management in MapReduce: Investigation of CPU-Frequencies Scaling on Power Efficiency in Hadoop</i>	<u>Shadi Ibrahim</u> , Diana Moise, Housseem-Eddine Chihoub, Alexandra Carpen-Amarie, Gabriel Antoniu and Luc Bouge
<i>Self-management of Live Streaming Application in Distributed Cloud Infrastructure</i>	<u>Patricia Takako Endo</u> , Marcelo Santos, Jônatas Vitalino, Glaucio Gonçalves, Moisés Rodrigues, Djamel F H Sadok, Judith Kelner and Azimeh Sefidcon
<i>Towards the Impact of Design Flows on the Resources used by an Application</i>	Cristina Marinescu, Serban Stoenescu and <u>Teodor-Florin Fortis</u>
<i>Policy-based Cloud management through resource usage prediction</i>	<u>Catalin Leordeanu</u> , Silviu Grigore, Octavian Moraru and Valentin Cristea
<i>An Inter-Cloud Architecture for OpenStack Infrastructures</i>	Stelios Sotiriadis, <u>Nik Bessis</u> and Euripides Petrakis
17.30 - Closing, Discussion, ARMS-CC-2015	