

## ARMS-CC-2015 Timetable

|  |  |
|--|--|
| <b>08.55 – 09.00 Opening</b>   |  |
| <b>09:00-10:00 Invited Paper: Competitive Analysis of Task Scheduling Algorithms on a Fault-Prone Server and the Impact of Resource Augmentation</b> |  |
| Antonio Fernández Anta, Research Professor at IMDEA Networks, Spain  |  |
| Session Chair: Florin Pop, University Politehnica of Bucharest   |  |
| <b>10:00-10:30 Coffee break</b>  |  |
| <b>10.30 – 12.30 Session 1</b>   |  |
| Session Chair: Antonio Fernández Anta  |  |
| <i>Using Performance Forecasting to Accelerate Elasticity</i>  | <u>Paulo Moura</u> , Spyros Voulgaris and Maarten van Steen                      |
| <i>Bandwidth Aware Resource Optimization for SMT Processors</i>  | <u>Satish Kumar Sadasivam</u> , Jasmine Madonna S and Prathiba Kumar             |
| <i>User-guided provisioning in federated clouds for distributed calculations</i>   | A. J. Rubio-Montero, Eduardo Huedo and <u>Rafael Mayo-García</u>                 |
| <i>Is Cloud Self-organization Feasible?</i>  | Dan Marinescu, <u>John Morrison</u> and Ashkan Paya                              |
| <b>12:30-14:30 Lunch</b>   |  |
| <b>14.30 – 16.00 Session 2</b>   |  |
| Session Chair: John Morrison   |  |
| <i>Parametric Analysis of Mobile Cloud Computing Frameworks using Simulation Modeling</i>  | <u>Arani Bhattacharya</u> , Ansuman Banerjee and Pradipta De                     |
| <i>Compute on the go: A case of mobile-cloud collaborative computing under mobility</i>  | <u>Himadri Sekhar Paul</u> , Pubali Datta, Ansuman Banerjee and Arijit Mukherjee |
| <i>Implementing the Cloud Software to Data approach for OpenStack environments</i>   | Lenos Vakanas, <u>Stelios Sotiriadis</u> and Euripides Petrakis                  |
| <i>Cloud Services composition through Cloud Patterns</i>   | <u>Beniamino Di Martino</u> , Giuseppina Cretella and Antonio Esposito           |
| <b>16:00-16:30 Coffee break</b>  |  |
| <b>16.30 – 17.30 Session 3</b>   |  |
| Session Chair: Beniamino Di Martino  |  |
| <i>Impact of Virtual Machines Heterogeneity on Datacenter Power Consumption in Data-Intensive Applications</i>                                       | <u>Catalin Negru</u> , Mariana Mocanu and Valentin Cristea                       |
| <i>An Eye on the Elephant in the Wild: A Performance Evaluation of Hadoop's Schedulers Under Failures</i>  | <u>Shadi Ibrahim</u> , Tran Anh Phuong and Gabriel Antoniu                       |
| <i>Partitioning graph databases by using access patterns</i>   | <u>Volkan Tufekci</u> and Can Ozturan  |
| <i>Cloud Search Based Applications for Big Data – Challenges and Methodologies for Acceleration</i>  | George Suciu, Ana Maria Sticlan, Cristina Butca and Alexandru Vulpe              |
| <b>17.30 - Closing, Discussion</b>   |  |