Message from the International Workshop Organizers

MiDiS 2011

On behalf of the Technical Program Committee, it is our great pleasure to welcome you in Barcelona, Spain for the Second Edition of International Workshop on the Middleware of Large Scale Distributed Systems (MiDiS-2011). The workshop is held in conjunction with the 6th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (3PGCIC-2011), between 26 to 28 of October 2011, in Barcelona at Technical University of Catalonia.

Middleware solutions for Large Scale Distribute Systems aim to respond to high requirements of applications related to dependability in the context of high number of users, and large geographic distribution of heterogeneous hardware and software resources. The dependability characteristic addresses performance, flexibility, extensibility, portability, availability, reliability, safety, security, trust, and scalability. The solutions used in the design, implementation, and deployment of systems with such capabilities are based on monitoring, scheduling, optimization, sharing, balancing, discovery, and synchronization methods and techniques that are continuously improved. New architectures and policies are designed to incorporate solutions for the management of data, resources, tasks, and applications, ensure fault tolerance, accounting, service on demand, and other functions required by user communities to operate effectively a shared services environment. All these topics challenge today researchers, due to the strong dynamic behaviour of the user communities and of resource collections they use.

The purpose of the workshop is to provide an open forum for researchers from academia and industry to present, discuss, and exchange ideas, results, and expertise in the area of middleware solution for large scale distributed systems. The workshop also aims at stimulating synergies between Grid, P2P, Cloud, and Web-based developer communities.

We would like to thank to all the authors for submitting their research works to the workshop as well as to the authors of accepted papers for their participation and presentation of the papers in the workshop. Each of the accepted 8 papers underwent a review process and, using these reviews, the workshop organizers selected papers for inclusion in the workshop proceedings and presentation at the conferences. They span topics closely related to Grid Computing, P2P system, Cloud Computing, Context-Aware Computing, Bio-Inspired models for distributed systems.

We express our sincere gratitude to the workshop organizers: Fatos Xhafa from Technical University of Catalonia, Barcelona, Spain and to Leonard Barolli form Fukuoka Institute of Technology (FIT), Japan. Their professionalism and hard work made our tasks much easier.

We look forward to meet you all again in the 2012 edition of the workshop!

Workshop Co-chairs

Valentin Cristea, University Politehnica of Bucharest, Romania
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