Message from MiDiS-2010 International Workshop Organizers

Welcome to Fukuoka Institute of Technology (FIT) and the 2010 International Workshop on Middleware of Large Scale Distributed Systems, MiDiS-2010. The MiDiS-2010 is held in conjunction with the 5th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (3PGCIC-2010), at FIT from November 4 to November 6, 2010.

Middleware solutions for LSDS aim to respond to high requirements of large scale distributed applications related to performance, flexibility, extensibility, portability, availability, reliability, safety, security, trust, and scalability, in the context of high number of users, and large geographic distribution of heterogeneous hardware and software resources. 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 services and functionality are added to the middleware to easy the development of new and highly demanding applications with low cost and high performance. 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 behavior of the user communities and of resource collections they use.

The aim of MiDiS-2010 is to provide a forum for sharing ideas and research work in all areas of multimedia technologies and applications. This workshop contains high quality research papers. We selected 6 papers to be presented during the conference.

It is impossible to organize such a successful program without the help of many individuals. We would like to express our appreciation to the authors of the submitted papers, and to the program committee members, who provided timely and significant reviews.

We hope all of you will enjoy MiDiS-2010 and find this a productive opportunity to exchange ideas and research work with many researches.

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