Scope

Adaptivity spans a range of behavioural complexity and sophistication where basic configurability and full autonomic behaviour appear as extreme points in a wide spectrum. It can be defined as the ability of a system to reconcile its requirements with the elements it is interacting with, by negotiating and adopting an optimal behaviour within and across different and potentially heterogeneous environments. Implicitly sustained by a variety of models these elements may be users, content, applications, systems, middleware, networks or operating systems. They define a hierarchy of levels where heterogeneity can occur. One specific instance where this heterogeneity is resolved is in the personalization of interactive systems through the generation and mediation of implicit and explicit user profiles and ontologies. At a lower level, in the middleware reflective architectures have been considered as an effective means of offering flexibility in QoS provision, while the endowment of a network with self-awareness enhances its capacity for self-management.

The aim of this workshop is to provide a forum for the presentation and discussion of issues related to adaptivity and its role in the provision of innovative solutions in heterogeneous environments. The workshop seeks original contributions on adaptivity and adaptive systems related but not limited to the following:

- Self configuration
- Negotiation
- Models
- Architectural Frameworks
- Workflow management
- Service provision
- Context-awareness
- Agent-based systems
- Smart environments
- Web and mobile applications
- Autonomic and dependable systems
- Network configuration and awareness
- Grid and Peer-to-Peer (P2P) systems
- Personalization and ontologies for personalization
- Case studies and experiences of adaptive systems

Submission/Publication

Authors are invited to submit papers following the IEEE Computer Society Proceedings Manuscripts style. The papers should be submitted electronically via the CISIS’09 website (http://www.cisis-conference.eu/) or emailed directly to the workshop co-chairs.

The Proceedings of the workshop will be published by IEEE Computer Society Press.

Selected papers will be published in a special issue of Journal of Computer and System Sciences (JCSS), Elsevier.

Important Dates

- Submission deadline: September 30, 2008
- Author notification: November 20, 2008
- Final paper version: December 15, 2008
- Conference/Workshop: March 16-19, 2009