



COORDINATION 07

9th International Conference on Coordination Models and Languages

www.discotec07.cs.ucy.ac.cy

Modern information systems rely increasingly on combining concurrent, distributed, mobile, reconfigurable and heterogenous components. New models, architectures, languages, verification techniques are necessary to cope with the complexity induced by the demands of today's software development. Coordination languages have emerged as a successful approach, in that they provide abstractions that cleanly separate behavior from communication, therefore increasing modularity, simplifying reasoning, and ultimately enhancing software development. Building on the success of the previous editions, this conference provides a well-established forum for the growing community of researchers interested in models, languages, architectures, and implementation techniques for coordination.

TOPICS

- **Programming language** techniques that support orchestration and control of distributed and concurrent interaction.
- **Middleware architectures**: shared spaces, publish-subscribe, event-based.
- **Dynamic software architectures**: software composition and scripting languages, dynamic software evolution and update, configuration and deployment languages.
- **Dependable, Resource-aware, Real-time and Embedded** system coordination.
- **Models and Foundations**: component composition, verification, management of security and dynamic aspects of coordination.
- **Web services**: Service-oriented Architectures, Workflow Systems.
- Programming abstractions for **decentralized distributed systems** such as P2P, mobile ad-hoc and sensor networks.
- **Type systems** and **specification languages** appropriate for coordination of concurrent systems.
- **Case studies** from E-Commerce, Factory Automation, Collaboration, Command and Control, or other systems.

IMPORTANT DATES

Submission of papers	January 27, 2007
Notification of acceptance	March 7, 2007
Conference	June 6-8, 2007

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