



### Aim

Building on the success of the twelfth previous editions (1998-2010), a special track on coordination models, languages and applications will be held at SAC 2011.

The last decade has witnessed the emergence of models, formalisms and mechanisms to describe concurrent and distributed computations and systems based on the concept of coordination. Coordination is aimed at enabling the integration of possibly heterogeneous components (processes, objects, agents) so that the resulting ensemble can execute as a whole, forming a software system with desired characteristics and functionalities which possibly takes advantage of parallel and distributed systems

In addition, coordination is closely related to other contemporary software engineering approaches such as multi-agent systems, service-oriented architectures, component-based systems and related middleware platforms.

### Important Dates

Paper submission: [August 24, 2010](#)

Author notification: [October 12, 2010](#)

Camera-ready copy: [November 02, 2010](#)

### Topics

Novel models, languages, programming and implementation techniques

Applications of coordination technologies

Industrial points of view: experiences, applications, open issues

Internet- and Web-based coordinated systems

Coordination of multi-agent systems

Coordination in Service-oriented architectures

Languages for service description and composition

Models, frameworks and tools for Group Decision

Making

Modern Workflow Management Systems and Case-Handling

Coordination in Computer Supported Cooperative Work

Software architectures and software engineering techniques

Configuration and Architecture Description

Languages

Coordination Middleware and Infrastructures

Coordination in GRID systems

Self-Organization-Based Approaches to Coordination

Formal aspects (semantics, reasoning, verification)

### Organization

#### Track Chair

Matteo Casadei (Università di Bologna, Italy)

#### Committee Members

Farhad Arbab (CWI and Leiden University, Netherlands)

Marcello Bonsangue (Leiden University, Netherlands)

Rocco De Nicola (University of Firenze, Italy )

Jose Fiadero (University of Leicester, Italy )

Keith Harrison-Broninski (Role Modellers Ltd, UK)

Kurt Lichtner (Blue Coat Systems, Canada)

Henry Muccini (University of l'Aquila, Italy)

Andrea Omicini (University of Bologna, Italy)

Manuel Oriol (University of York, UK)

Razvan Popescu (Trinity College Dublin, Ireland)

Antonio Porto (University of Porto, Portugal)

Rosario Pugliese (University of Florence, Italy)

Alessandro Ricci (University of Bologna, Italy)

Davide Rossi (University of Bologna, Italy)

Yasuyuki Tahara (National Institute of Informatics, Japan)

Carolyn Talcott (SRI International, USA)

Emilio Tuosto (University of Leicester, UK)

Michael Schumacher (U. of Applied Sciences, Switzerland)

Robert Tolksdorf (Freie Universitaet Berlin, Germany)

Mirko Viroli (University of Bologna, Italy)

George Wells (Rhodes University, South Africa)

Herbert Wiklicky (Imperial College London, UK)

Pawel Wojciechowski (Poznan University of Technology, Poland)

#### Contacts

[m.casadei@unibo.it](mailto:m.casadei@unibo.it)