

# AIMS'2011

June 13-17, 2011, Nancy France



Submission Deadline : February 5th, 2011

Notification of acceptance : March 5th, 2011

## 5th International Conference on Autonomous Infrastructure, Management and Security

The AIMS conference is a single-track event integrating normal conference paper sessions, tutorials, keynotes, and a PhD student workshop into a highly interactive event. One of the goals of AIMS is to look beyond borders and to stimulate the exchange of ideas across different communities and among PhD students.

Furthermore, AIMS 2011 integrates 2.5 days of courses and labs which offers hands-on learning experiences in network and service management topics and which requires attendees to work in practical on-site courses combined with preceding short tutorial-like teaching sessions.

AIMS 2011 focuses on the theme of managing next-generation networks and services. New paradigms as well as autonomic and fully distributed algorithms, virtualization techniques or self-organizing overlays have to be investigated.

The design, monitoring, configuration and protection of the next generation of networked systems in an efficient, secure, and autonomic manner are crucial to commercially viable and successful networks and services.

### Conference Topics :

- Autonomic network and service management
- Service provisioning mechanisms
- Socio-economic effects of service provisioning
- Adaptability and self-organization
- Economic traffic management
- Incentives in P2P and Grid networks
- Decentralized and distributed management techniques
- Management of grid resources and virtual networks
- Overlay- and P2P-based management systems
- Intrusion detection in large networks

- Protection against distributed attacks and botnets
- Monitoring and visualization of management data and systems behavior
- Accounting of systems, services, and behaviors
- Distributed network analysis and accounting
- Modelling of management technologies and procedures
- Virtualization of resources and services
- Configuration and security in the Internet of Things



<http://aims2011.loria.fr>

INSTITUT NATIONAL  
DE RECHERCHE  
EN INFORMATIQUE  
ET EN AUTOMATIQUE

