

# AIMS 2008

2nd Annual Conference, 1st-3rd July 2008, Jacobs University Bremen, Germany



## Technical Program Chairs

**David Hausheer**

(University of Zurich)

**Jürgen Schönwälder**

(Jacobs University Bremen)

## PhD Workshop Chairs

**Lisandro Granville**

(Fed. Uni. Rio Grande do Sul)

**Aiko Pras**

(University of Twente)

## Tutorials and Keynotes

**Arosha Bandara**

(Imperial College London)

## Deadlines

**2008-02-10 Submission**

**2008-04-06 Notification**

**2008-04-20 Camera Ready**

**2008-07-01 AIMS 2008**

# Resilient Networks and Services



## Description

The International Conference on Autonomous Infrastructure Management and Security (AIMS) is a highly interactive single-track event integrating

- conference paper sessions of mature research
- tutorials (included in the registration fee)
- PhD workshop discussing early/ongoing research
- keynotes that make you (re)think in different ways

The goal of AIMS is to look beyond borders and to stimulate the exchange of ideas across different communities and in particular among PhD students.

## Location

Jacobs University Bremen is a highly selective, private institution for the advancement of education and research. The green campus located in the city of Bremen has ideal meeting facilities and can host a large number of people during the summer on campus.

[www.aims2008.org](http://www.aims2008.org)

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Lecture Notes in  
Computer Science  
LNCS LNAI LNBI

EMANICS

JACOBS  
UNIVERSITY

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# Resilient Networks and Services



## Conference Topics

### Scalable and autonomic infrastructures:

- Autonomic network and service management
- Dynamic overlays and P2P-based management systems
- Fully decentralized and distributed approaches

### Economic management:

- Economic aspects of IT infrastructures
- Distributed accounting and monitoring
- Reputation and incentive mechanisms

### Security and trust management:

- Inter-domain trust management and security concepts
- Resilience and reliability of network and service infrastructures
- Defense against distributed attacks and botnets
- Management and evaluation of security services

### Virtualization:

- Virtualization of resources and services
- Management of virtual network laboratories (e.g. GENI, PlanetLab)
- Economics of network and service virtualization
- Management of Grid resources and virtual organizations

### Modelling and visualization:

- Modelling of management technologies and procedures
- Modelling and analysis of policies and promises
- Visualization of management data and systems behavior

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