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
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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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