CALL FOR PAPERS

www.aims-conference.org/2016

The AIMS international conference is a single-track event, including conference paper sessions, hands-ons and keynotes. The focus of AIMS is on early research done by Ph.D. students and young researchers in network and service management and security. The participants find here a dedicated place for getting a constructive feedback by senior scientists and they benefit from tutorials on transversal aspects of a research activity (e.g., publication strategies, paper reviewing, research presentation design). By taking part in a dedicated workshop, the Ph.D. students are invited at an early stage to present and motivate their work as well as their research plans. Finally, by being involved in practical hands-on sessions, Ph.D. students and young researchers will get an up-to-date knowledge combined with basic skills on emerging technologies. This way, AIMS acts as a complementary piece in the set of international conferences in the network and service management community.

AIMS 2016 will be centered on the theme of management and security in the age of hyperconnectivity. New paradigms, smart and fully distributed algorithms, as well as large-scale virtualization have to be investigated to design scalable and resilient frameworks able to deal with more complex, more dynamic and hyperconnected environments, from cloud infrastructures to the Internet of Things. The design, monitoring, configuration and protection of the next generation of networked systems in an efficient, secure, and smart manner are crucial to commercially viable and successful networks and services.

TOPICS OF INTEREST

Authors are invited to submit papers on the following topics, including related fields:

Network and Service Management
- Wireless networks (adhoc, mesh, sensor, vehicular, ...)
- Internet of things
- Smart cities
- Smart grids
- SCADA networks
- Overlay, grid and virtual networks
- Big data
- Software defined networks
- Data centers and clouds (IaaS, PaaS and SaaS)
- Content delivery (P2P, CDN, ICN, ...)
- Social networks
- Future Internet

Management Functions
- Intrusion detection
- Protection against Smart Attacks / Advanced Persistent Threats (APT)
- Protection of infrastructures and services
- Security management
- Configuration management
- Accounting of systems, services and behaviors
- Economic traffic management
- Service provisioning
- Resilience of management infrastructures and services
- Privacy and management data
- Quality of service and experience

Techniques and Methodologies
- Autonomic and self-management
- Distributed monitoring and correlation
- Risk management
- Knowledge plane design and deployment
- P2P-based management
- Modeling of management technologies and procedures
- Flow based management
- Scalability of management infrastructures
- Experimental studies
- IT service management

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IMPORTANT DATES
- 08 February 2016 (extended) Paper registration deadline
- 08 February 2016 (extended) Paper submission deadline
- 14 March 2016 Notification of acceptance
- 28 March 2016 Camera-ready papers due

For more information, please contact one of the TPC Co-Chairs at aims2016tpccchairs@gmail.com