



## Call for Papers



<http://www.cnsm-conf.org/2015/>

The [11th International Conference on Network and Service Management](http://www.cnsm-conf.org/2015/) (CNSM) is inviting authors to submit original contributions in the network and service management research area. CNSM 2015 is a selective single-track conference, technically co-sponsored by IFIP WG 6.6, IEEE Communications Society, and IEEE Computer Society, and organized in cooperation with ACM SIGCOMM, covering all aspects of the management of networks and services, pervasive systems, enterprises, and cloud computing environments. The core track is accompanied by a series of workshops and poster sessions.

Papers accepted and presented at CNSM 2015 will be published open access on the conference Web site (with IFIP copyright) and included in the IFIP Digital Library and in IEEE Xplore. Authors of selected papers accepted for publication in the CNSM 2015 proceedings will be invited to submit an extended version of their paper to the IEEE Transactions on Network and Service Management journal.

### Topics of Interest (but not limited to)

#### Network Management

- Software Defined Networks
- Home Networks and the Internet of Things
- Future Internet and Novel Network Technologies
- Content Distribution Networks
- Virtual and Overlay Networks
- Data Centers Networks and Storage Area Networks
- Cyber-Physical Systems
- Wireless and Mobile Networks
- Broadband Access Networks
- Cognitive Radio Networks
- IP/MPLS and Optical Networks
- Heterogeneous Networks
- Industrial Automation Networks
- Smart Cities and Smart Grids

#### Management Approaches

- Centralized Management and Distributed Management
- Autonomic and Self-Management
- Policy-based Management
- Federated and Pro-Active Management
- Energy-Aware Management and QoS / QoE-Centric Management
- Management Architectures

#### Service Management

- IT Service Management
- Cloud Services and Cloud Federations
- Multimedia and Data Services
- Content Delivery Platforms and Services
- Resource Provisioning and Management
- Service Discovery, Migration and Orchestration
- Hosting and Virtualized Infrastructures
- Over the Top Service Management
- Enterprise Information and Resource Planning Systems
- Management as a Service

#### Business Management

- Legal and Ethical Issues
- Business Process Management
- Business Impact Analysis

#### Functional Areas

- Deployment Management
- Fault Management
- Configuration Management
- Accounting and Billing Management
- Performance Management
- Security Management

#### Management Technologies

- Network Programmability, Cloud Computing
- Network Function Virtualization and Service Chaining
- (Big) Data, Information and Semantic Modeling
- Protocols and Languages
- Middleware, Message and Software Buses, Mobile Agents
- Social Networking, Human-Machine Interactions
- Operations and Business Support Systems (OSS/BSS)

#### Methodologies

- (Big) Data Analytics and Data Mining
- Monitoring and Measurements
- Control Theories and Optimization Theories
- Economic and Game Theories
- Machine Learning and Computational Intelligence
- Probability, Stochastic Processes, and Queuing Theory
- Modeling and Simulation, Visualization
- Experimental Studies

Authors are invited to submit original contributions (written in English) in PDF format. Only original papers not published or submitted for publication elsewhere can be submitted. Papers can be full manuscripts of two types: long papers (5-8 pages, excluding references) or short papers (3-4 pages, excluding references). Submissions should be in US letter format, with IEEE 2-column layout. Papers exceeding these limits, multiple submissions, and self-plagiarized papers will be rejected without further review. The papers submitted will sustain a thorough single-blind review process, followed by a rebuttal phase.

### Important Dates

**Paper Submission:** **June 14, 2015 (FIRM!)**  
**Rebuttal Phase:** July 20-26, 2015  
**Acceptance Notif.:** August 10, 2015  
**Camera Ready due:** Sep. 20, 2015  
**Conference:** Nov. 9-13, 2015

### General Chair:

Joan Serrat, Univ. Politècnica de Catalunya, Spain

### Technical Program Co-Chairs:

Jürgen Schönwälder, Jacobs University Bremen, Germany  
Mauro Tortonesi, University of Ferrara, Italy