



10th International Conference on Network and Service Management

17-21 November 2014

Rio de Janeiro, Brazil

Technically Co-Sponsored by IFIP, IEEE and ACM





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1. Event Description

The **International Conference on Network and Service Management (CNSM)** is an annual, nonprofit international event, organized by IFIP, IEEE Communications Society, IEEE Computer Society, and ACM SIGCOMM (<http://www.cnsm-conf.org>). Throughout the years, CNSM has become the premier international scientific event in the area of network and service operation/management. The most recent editions of this conference were successfully hosted exclusively in cities in the northern hemisphere, such as Niagara Falls (2010), Paris (2011), Las Vegas (2012), and Zurich (2013).

CNSM brings together a large portion of the international community interested in the aforementioned areas, both from academia and the Industry. Recent editions of this conference have received a very significant number of attendees, including internationally recognized researchers, business professionals, representatives from government agencies, as well as undergraduate and graduate students.

CNSM has an excellent reputation due to the diversity and breadth of its proposed activities, the freshness and relevance of its addressed themes, and the strictness of its paper selection process. Considering the number of submitted and accepted papers, the conference has been annually attracting, on average, 200 submissions, keeping the acceptance rate close to 15%. Moreover, it features a Program Committee composed of the main worldwide specialists, leaders in their areas of expertise.

The 2014 edition of CNSM will be held in the city of Rio de Janeiro, Brazil, from November 17 to 21, 2014, under the responsibility of the Institute of Informatics of the Federal University of Rio Grande do Sul (UFRGS), with professors Lisandro Zambenedetti Granville and Luciano Paschoal Gaspary as its General Co-Chairs.

Topics of interest to the CNSM 2014 audience include but are not limited to:

General Management Issues

- Monitoring, correlation, and diagnosis
- Performance management, fault management, and reconfiguration
- Resource allocation and optimization
- IT services, business impact analysis, and business process management
- Configuration and accounting
- Security, trust, and privacy
- Energy management and optimization
- QoS management

Management Techniques and New Paradigms

- Self-Management
- Economic models for management
- Policy-based and declarative models of management
- Virtualization
- Control theory and optimization
- Content centric networking
- Stochastic models and machine learning in management



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Management and Adaptation in

- Big Data
- Cyber-Physical Systems and Smart Cities
- Sensor networks, opportunistic and mobile ad-hoc networks
- Pervasive systems including Body Area Networks, Vehicular, and Home Networks
- Cloud computing
- Enterprise systems and federations
- SOA and Web services
- Multimedia and data services
- Data centers
- Social networks, cloud-based applications

Network Management

- IP operations and management
- Broadband access networks
- Overlay and virtual networks
- Wireless and mobile networks
- Hybrid and next-generation networks
- Data Center Networks

2. Program

The format of CNSM technical program consists basically of the activities listed and described below.

Technical Sessions. Work selected for publication will be presented orally in technical sessions. Papers will be selected based on the analysis of the Technical Program Committee. This Committee is composed of 41 researchers with distinguished international work in the area.

Poster Sessions. Work accepted as posters are commonly a result of work in progress proposals. They enable authors to receive qualified feedback and give them the chance to improve their ongoing research. Posters are selected by the same aforementioned Committee and presented in sessions which are more interactive, organized during and in the same area as coffee breaks.

Invited keynotes. There will be three invited keynotes, each with duration of 1h30m. Keynote speeches will be given by internationally renowned researchers who will approach current issues and research challenges in the areas of interest of the event.

Panels. There will be discussion and debate panels approaching prominent themes and featuring experts with different points of view.

Workshops. CNSM 2014 will co-locate workshops, providing space for in-depth discussion of emerging themes in the area of network and service operation/management. In 2013, the following workshops were held: International Workshop on Advanced Internet Charging and QoS Technology, 7th International DMTF Academic Alliance Workshop on Systems and Virtualization Management: Standards and the Cloud, and CNSM Workshop on Social-aware



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Economic Traffic Management for Overlay and Cloud Applications. We intend to re-edit these workshops during CNSM 2014, as well as to organize one or two new ones.

Meetings. A number of meetings related to the academic community are scheduled to be held during the event, such as the meeting of the Program and Organizing Committees of the 14th IFIP/IEEE International Symposium on Integrated Network Management (IM 2015), the IFIP Technical Committee 6 (TC6 - Communications Systems) meeting, and the FP7 FLAMINGO Project meeting.

3. Estimated Attendance

We estimate that CNSM 2014 will attract approximately 300 attendees.

4. Event Funding Strategy

CNSM is funded through resources granted by government agencies and sponsors, as well as by registrations from event attendees.

5. List of Benefits

Aware that the participation of your company in this conference will provide it with significant visibility in the Brazilian and international community working in the previously mentioned areas, with concrete possibilities of excellent returns, we would like to propose a partnership in the execution and marketing of CNSM 2014. Next, we present the list of benefits offered by the event's organization.

- **Keynote Speech:** presentation of a technical lecture to the CNSM audience by a renowned international researcher indicated or invited by the company.
- **Banners:** posting of a banner (0.90 m x 1.20 m) from the company in areas allocated for coffee breaks (note: the production, creation, and submission of the banner to the conference location are the responsibility of the company).
- **Posters:** placement of the company logo in conference dissemination posters, which will be distributed to companies as well as educational and research institutions related to Computer Science.
- **Material in the event bag:** placement of a pamphlet or other promotional material supplied by the company inside the bag distributed to attendees.
- **Logo in the conference proceedings:** placement of the company logo in the conference proceedings (in digital media), of which there will be at least 300 copies, delivered to attendees (as well as to libraries throughout the country).
- **Logo in name badges:** placement of the company logo in name badges, which will be worn by all attendees and guests.
- **Conference website:** placement of the company logo with a link to its own homepage on the main page of the conference website.

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- **Electronic dissemination:** dissemination of the name of the sponsoring company in all electronic mail sent by the event organization to e-mail lists of companies in the sector and related scientific associations.
- **Full registrations for the conference:** provision of full registrations for professionals or customers indicated by the company, who will have access to all activities in the event.

6. Sponsorship Categories

Category	Gold	Silver	Bronze
Keynote speech	√	-	-
Banners	√	-	-
Posters	√	-	-
Material in the event bag	√	√	-
Logo in the proceedings	√	√	-
Logo in name badges	√	√	-
Conference website	√	√	√
Electronic dissemination	√	√	√
Full registrations	3	2	1
Fee (US\$)	8,400.00	5,600.00	2,800.00

Should you require any additional clarification, do not hesitate to contact us through the e-mails and phone numbers below.

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Best regards,

Lisandro Zambenedetti Granville

Luciano Paschoal Gasparry

CNSM 2014 General Co-Chairs