



LANOMS 2011 - Call for Papers

The Seventh Latin-American Network Operations and Management Symposium (LANOMS'2011)
Technically Co-Sponsored by the IEEE Communications Society
<http://www.lanoms.org/2011>

Quito, Ecuador October 10-11, 2011 – Co-located with CLEI & LANC

Promoted by Pontificia Universidad Católica del Ecuador

Technically Co-Sponsored by the Brazilian Computing Society, IFIP W.G 6.6 (to be confirmed)

LANOMS is the major Latin-American event dedicated to discussing the many issues related to the operations and management of computer networks. LANOMS has been held in odd-numbered years since 1999 and pursues the tradition of the NOMS and APNOMS events. The 7th edition will be held on October 10-11, 2011 in Quito, co-located with CLEI and LANC. The technical program of LANOMS'2011 will include sessions on the latest technical advances in all aspects of the operation and management of networks, services, applications and distributed systems in general. Accepted papers will be published in the IEEEExplore digital library.

Topics

Topics of interest that will be given special attention include:

1) Management Technologies

- Monitoring techniques
- Event correlation and root cause analysis
- Integrated control and management
- Performance and fault management
- Configuration and accounting management
- Resource inventory, planning, and allocation
- Service management and Service-oriented architectures
- Semantic modeling and management
- Biologically-inspired management systems and techniques
- Quality-of-Service (QoS) management
- Security management
- Mobility management
- Energy management
- Cross-layers management

2) Management for Networks, Services and Systems

- Management of next generation converged networks and services
- Management of cloud computing
- Management of VoIP
- Managing virtual resources & services (VPNs, VLANs)
- Management of web services, grids, grid services, grid applications, ASP server farms
- Management of wireless networks (2G, 2.5G, 3G, LTE, WLANs, PANs, BANs)
- Management of outer-edge networks
- Management of video & broadband cable networks, IPTV, video on demand
- Management of content hosting & delivery networks

3) Advanced Approaches for Management

- Theory (control, optimization, economic) for management
- Self-* and autonomic aspects of management
- Virtualization and its role in management
- IT process management
- Distributed, decentralized, and scalable management
- Policy and role based management
- Business impact analysis
- Programmable, active, and adaptive management
- Resilience, dependability, and survivability
- Evaluation and benchmarking of management systems and technologies
- Legal and ethical issues

Only original papers (not published or under review elsewhere) should be submitted. Both regular papers (8-page limit) and short papers (4-page limit) will be accepted. The format is IEEE 2-column for conference proceedings. All submissions must be made electronically through JEMS (<https://submissoes.sbc.org.br>). There will be an award for the best paper of the conference.

Discussion has ensued with Springer's Journal of Network and Systems Management (JNSM) to consider a few best papers from LANOMS 2011 for possible publication in JNSM. It should be noted that any such recommendations from LANOMS 2011 does not guarantee automatic acceptance in JNSM. Such submission must have additional substantive work as per JNSM's policy and will need to go through the journal's regular peer-review process.

Program Committee Chairs:

Elias P. Duarte (UFPR, BR)
Javier Baliosian (URU, UY)

General Chair:

Edmundo Madeira (UNICAMP, BR)

Important Dates

- Paper submission: ~~May 1st, 2011~~ **June 1st 2011**
- Author notification: **June 28th, 2011**
- Camera ready due: **July 12th, 2011**