



CALL FOR PAPERS

The 14th Asia-Pacific Network Operations and Management Symposium

Sponsored by KICS KNOM, IEICE ICM

Technical co-sponsored by: IEEE Communication Society

<http://www.apnoms.org/2012/>

September 25-27, 2012, Seoul, Korea

The development and deployment of various cloud computing technologies is in progress. We expect to see more and more content centric networks and content-based services coming to the market. In addition, enabling technologies like LTE and LTE-Advanced will support wireless broadband services more widely within the next two years. What's more, research in the management and architecture of future Internet(s) is gaining increasing importance. The rapid evolution mentioned above hinges on new network infrastructure, business and service models, and associated management platforms and architectures. APNOMS 2012 will encourage open discussions on technology alternatives that focus on the management and operation of current and future networks and services. APNOMS welcomes submissions based on implementation and experimentation, as well as simulation and analytical approaches. The topics of interest include, but are not limited to, the following items:

- 1) Network Management
 - Management of the Future Internet(s) and NGNs
 - Management of IP and Optical Networks
 - Management of Ad-hoc and Mesh Networks
 - Management of Wireless and Cellular Networks
 - Management of Sensor Networks
 - Management of M2M Networks
 - Management of Converged Networks
 - Management of Large Data Centers and Clouds
 - Management of Vehicular Networks
 - Peer-to-Peer and Overlay Networks
 - Management of Smart Grids
- 2) Architectures, Methods & Technologies
 - New Network Architectures and Models
 - Next Generation OSS Platforms
 - Autonomic Management
 - Cloud Computing and Virtualization
 - Mobile Agent-based Management
 - Policy-based Management
 - SLA/QoS Management, Traffic Engineering
 - Virtual Network Provisioning and Operation
 - Network Monitoring and Measurements
 - Configuration and Fault Management
 - SNMP, NETCONF, Web Services, XML
 - Energy Management
- 3) Service Management
 - Ubiquitous Service Management
 - Management of Personalized Services
 - Services Science, Management & Engineering
 - Security Management
 - Accounting and Billing
 - Applications and Service Provisioning
 - Seamless Service with Roaming and Handover
 - Signaling for Application Sessions and Networking
 - Management of Bandwidth on Demand
 - Infrastructure as a Service and Software as a Service
- 4) Business Management
 - Economic aspects of NGNs and future Internet(s)
 - Next Generation BSS Platforms
 - SLA/SLO/SLS Management
 - eTOM and ITIL
 - ISP/ASP/CSP Management
 - Business Process Engineering
 - Customer Care and Self Operations
 - e-Business Management
- 5) Experiences
 - Trial Results, Migration and Case Studies
 - Interoperability Issues
 - R&D Network
 - Advances in and Federation of Testbeds

Paper Submission:

Both technical and innovation session papers must be submitted via online, through JEMS (<https://submissoes.sbc.org.br/apnoms2012>). Please refer to the APNOMS 2012 homepage (<http://www.apnoms.org/2012/>) for detailed paper preparation and submission instructions.

Technical Session:

The APNOMS 2012 proceedings of technical session papers will be published in **IEEE Xplorer** indexed in **EI** and **SCOPUS** (pending). Authors are invited to submit complete unpublished papers in English, which are not under review in any other conference or journal. Submission should be in form of a PDF file up to 8 pages, prepared in accordance with *IEEE author guideline* (see *Author Guidelines* of the conference homepage for details). The copyright of accepted papers will be transferred to IEEE. IEEE will own the copyright of each paper.

Innovation Session:

APNOMS 2012 will include innovation sessions to present and discuss ongoing research, work-in-progress ideas, practical solutions, and experimental studies. Authors are requested to submit PDF documents up to 12 pages long in a special format. The sample file can be obtained at <http://www.apnoms.org/apnoms-sample.ppt> (see *Author Guidelines* page for details). Innovation papers will be included in conference proceedings but will **NOT** be indexed by IEEE Xplore. The copyright of accepted papers will belong to the author(s). The author(s) may transfer the copyright to a journal publisher if the same content or its extended version is submitted separately to a journal.

Important Dates:

- Technical Paper Submission Due : **May 20, 2012**
- Innovation Paper Submission Due: June 13, 2012
- Notification of acceptance: July 17, 2012
- Camera-ready paper due: Aug. 3, 2012

Please send any enquiry to TPC Co-Chairs:

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