IEEE

CALL FOR PAPERS

== DEADLINE EXTENDED TO MAY 6 ==

The 13th Asia-Pacific Network Operations and Management Symposium

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Sponsored by KICS KNOM, IEICE ICM
Technically co-sponsored by: IEEE Communications Society
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The deployment of next-generation networks (NGN) and the trial of fixed-mobile convergence (FMC) services are in progress. We expect to see more and more FMC and content-based services coming to the market.   In addition, emerging technologies like LTE and WiMAX will support wireless broadband services within the next two years. In addition, 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 2011 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)
  ・ Management of Next Generation Networks
  ・ 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 Heterogeneous Networks
  ・ Management of Converged Networks
  ・ Management of Large Data Centers and Clouds
  ・ Management of Vehicular Networks
  ・ Peer-to-Peer and Overlay Networks
  ・ Cognitive Network Management

2) Architectures, Methods & Technologies
  ・ New Network Architectures and Models
  ・ Next Generation OSS Platforms
  ・ New Network Protocols
  ・ Autonomic Management
  ・ Cloud Computing
  ・ Virtualization
  ・ Control Theoretic Management Approaches
  ・ Web/Java Based Management
  ・ Mobile Agent-based Management
  ・ Policy-based Management
  ・ Converged Networking Issues
  ・ SLA/QoS Management, Traffic Engineering
  ・ Virtual Network Provisioning and Operation
  ・ Network Monitoring and Measurements
  ・ Configuration and Fault Management
  ・ SNMP, NETCONF, Web Services, XML

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
  ・ Regulatory Issues

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 Networks
  ・ Advances in and Federation of Testbeds

Paper Submission:
Both technical and innovation session papers must be submitted online through JEMS at the following URL
https://submissoes.sbc.org.br/apnoms2011
Please refer to the APNOMS homepage for detailed paper preparation and submission instructions.

Technical Session:
The APNOMS 2011 proceedings of technical session papers will be published in **IEEE Xplore** and indexed in EI. 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 guidelines (see **Manuscript Guidelines** page for details).   The copyright of accepted papers will be transferred to IEEE.   IEEE will own the copyright of each paper.

Innovation Session:
APNOMS 2011 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 8 pages long in a special format.   The sample file can be obtained at http://www.apnoms.org/apnoms-sample.ppt (see **Manuscript 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:
Abstract registration: **May 6 (extended)**
Paper upload: **May 13 (extended)**
Notification of acceptance: **July 1, 2011**
Camera-ready papers due: **July 29, 2011**

Send your questions to TPC Co-Chairs:
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