Call for Papers
The 16th Asia-Pacific Network Operations and Management Symposium
APNOMS 2014
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IEEE
IEEE COMMUNICATIONS SOCIETY

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September 17-19, 2014 in Hsinchu, Taiwan

- Integrated Management of Software Defined Infrastructure -

The Asia-Pacific Network Operations and Management Symposium (APNOMS) is the premier conference on network operations and management in the Asia-Pacific region. APNOMS meets every year, typically during September and boasts a rich history of successes. It includes a full three-day program of keynotes, tutorials, technical sessions, panel discussions, poster sessions, and exhibits that focus on managing networks that span the computing and telecommunications areas. APNOMS 2014 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 Software Defined Network (SDN)
   · Management of the Future Internet(s)
   · 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 BSS/OSS Platforms
   · New Network Protocols
   · Automatic Management
   · Software Defined Network (SDN)
   · 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
   · Network Monitoring and Measurements
   · Configuration and Fault Management
   · SNMP, NETCONF, Web Services, XML

3) Service Management
   · Big Data 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

Technical Session: Authors are invited to submit complete unpublished papers in English, which are not under review in any other conferences or journals. Submission should be in form of a PDF file up to 6 pages, prepared in accordance with IEEE author guidelines. All presented papers in the conference will be published in the proceedings of the conference and submitted to the IEEE Xplore Digital Library. The APNOMS 2014 proceedings of technical session papers will also be published in IEICE I-Scover. Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. The copyright of accepted papers will be transferred to IEICE. A submitted paper may be accepted as a short paper (presented in a poster session). NOTE: To be published in the proceedings, for each accepted paper, an author is required to register for the conference at the full (member or non-member) rate and the paper must be presented at the conference by one of the authors. Online presentation (e.g. Skype) is not permitted without an unavoidable reason such as a natural disaster. Authors of the best accepted papers will be invited to submit extended versions of their papers to a Wiley's International Journal of Network Management (IJNM) Special Issue.

Innovation Session: APNOMS 2014 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 in a special format (should have a visual in the upper half of a page and the explanatory text in the lower half, and must not exceed 20 annotated visuals including title and references). The sample file can be obtained at http://people.cs.nctu.edu.tw/~apnoms2014/apnoms-IS-sample.pdf. Innovation papers will be included in conference proceedings but will NOT be indexed by any scholarly research database. 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:

Paper submission: **May 20, 2014**
Notification of acceptance: **June 27, 2014**
Camera-ready papers due: **July 11, 2014**

Send your questions to TPC Co-Chairs:

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