

## CALL FOR PAPERS

### The 11<sup>th</sup> Asia-Pacific Network Operations and Management Symposium (APNOMS 2008)

Sponsored by KICS KNOM, IEICE ICM

Technically Co-Sponsored by IEEE Communications Society

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<http://www.apnoms.org/2008/>

October 22~24, 2008, Beijing, China

The 11<sup>th</sup> Asia-Pacific Network Operations and Management Symposium (APNOMS 2008) will be held in Beijing, China from October 22 to 24, 2008. Recently, various convergences in wired and wireless networks, and convergence of telecommunications and broadcastings are taking place for ubiquitous multimedia service provisioning. For example, broadband IP/MPLS wired networks are actively converged with IEEE 802.11e wireless LAN, IEEE 802.16 Wireless MAN, 3G/4G wireless cellular networks, and direct multimedia broadcast (DMB) network. For efficient support of service provisioning for ubiquitous multimedia services on the broadband convergence networks, well-designed and implemented network operations and management functions with QoS-guaranteed traffic engineering are essential.

In APNOMS 2008, the topics of interest include, but not limited to, network & service management for broadband convergence networks, business operations & management, service-oriented managements (e.g., SLA/SLS, security, billing), management architecture and technologies, various experiences, and recent standardization activities:

#### 1) Network Management

- Management of IP-based Networks
- SLA/QoS Management, Traffic Engineering
- Management of Ad-hoc/Mesh Networks
- Management of 3G/4G Networks
- Management of Sensor Networks
- Management of DWDM, Optical Cross-connect
- Home Network Management
- Management of Wireless LANs
- Management of Heterogeneous Networks
- Virtual Network Provisioning and Operation
- Network Monitoring and Measurements

#### 2) Architectures, Methods & Technologies

- Architectures and Models
- Autonomic Management
- Control Theoretic Management Approaches
- Peer-to-Peer Management
- Web/Java Based Management
- Mobile Agent-based Management
- Policy-based Management
- Next Generation OSS Platforms
- Converged Networking Issues

#### - Mobility Management

- SNMP, NETCONF, Web Services, XML

#### 3) Service Management

- Services Science, Management & Engineering
- Security Management
- Accounting and Billing
- Applications and Service Provisioning
- Seamless Service with Roaming and Handover
- Regulatory Issues
- Management Architecture for Ubiquitous Computing
- Ubiquitous Service Platforms
- Signaling for Application Sessions and Networking

#### 4) Business Management

- 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

#### Paper Submission:

Both technical and innovation session papers must be submitted via online, through JEMS (<https://submissoes.sbc.org.br/apnoms2008>). Please refer to the APNOMS 2008 homepage (<http://www.apnoms.org/2008>) for detailed paper preparation and submission instructions.

#### Technical Session:

The APNOMS 2008 proceedings of technical session papers will be published in **Springer Lecture Notes in Computer Science** series as done in APNOMS 2007. The technical papers published in the APNOMS 2008 proceedings will be **EI-indexed**. Original and unpublished technical and innovation session papers are solicited. All submitted papers should be written in English and should not have been submitted for review elsewhere. Authors are requested to submit PDF file of the 10-page, single-spaced LNCS-style manuscripts for technical session papers. The LNCS guidelines can be obtained at <http://www.springer.de/comp/lncs/authors.html>. In addition, authors of the best five APNOMS 2008 papers will be invited to submit extended versions for possible publication in the special issue of **Journal of Network and Systems Management** (JNSM) which is indexed in **SCIE** of Thompson Scientific.

#### Innovation Session:

APNOMS 2008 will include innovation session to present and discuss ongoing research, work-in-progress ideas, practical solutions, experimental studies, and any topic of interest to the community. Innovation session will be formed with short presentations including discussions and feedbacks. Presenters are requested to submit PDF file of the 8-page visual/text format manuscripts. The sample file can be obtained at <http://www.apnoms.org/apnoms-sample.ppt>.

#### Please send any enquiry on APNOMS 2008 to TPC Co-Chairs:

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**Important Dates:**

- **Abstract Registration Deadline:** May 9, 2008
- **Paper Submission Deadline:** May 16, 2008
- Notification of acceptance: July 21, 2008
- Final camera-ready paper due: Aug. 8, 2008

**Technical Session****Innovation Session**

June 6, 2008  
June 13, 2008  
July 21, 2008  
Aug. 8, 2008