

CALL FOR PAPERS

CHINACOM 2008

August 25 - 27 2008, Hangzhou, Zhejiang, China.

Frontiers on Communications and Networking Symposium

Symposium Co-Chairs

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Brief Description

The ChinaCom2008 Frontiers on Communications and Networking Symposium will include all advanced and frontier research topics in the field of communications and networking that are not covered by the individual symposia focusing on specific technical tracks. Visionary, revolutionary, evolutional as well as disruptive communications and networking systems, regulations and emerging standards, innovative applications of communications and networking in social sciences, economic development, transportation and e-health services are within the coverage of the symposium.

Perspective authors are invited to submit original technical papers for publication in the conference proceedings and for presentation at the symposium.

Topics of interest include, but are not limited to:

- **Next Generation Wireless Systems and Technologies**
3GPP Long-term evolution (LTE) and High Speed Uplink Packet Access (HSUPA)
Regulations, standards, and spectrum management
- **Next Generation Networking (NGN)**
Virtual & overlay networks
Interworking heterogeneous wireless/wired networks
Router/switch architecture and algorithms
Pricing & billing
- **Communications and Networking for Rural and Emergency Applications**
Economic model and user requirements
Technologies for rural applications
Technologies for emergency and disaster relief
- **Broadcast & Multicast Technologies**
System architectures

Secure broadcast & multicast communications

Internet broadcasting

Mobile broadcasting and mobile TV

Emerging standards, e.g., DVB-S2, DVB-RCS, DVB-H, DVB-T, MediaFLO Services and Applications

- **Power Line Communication**

Modulation and Coding Techniques

Multicarrier, OFDM and Spread Spectrum Techniques

System architecture and protocol (e.g., MAC, network, transport)

Security in Power Line Communications

Standards and Regulations

Applications and Services

- **Bio-inspired/Bio-oriented networks**

Body-area networks

Wireless telemedicine and E-health services

- **Interference modeling and management in wireless networks**

Spectrum Sensing and Management

Iterative Receiver Processing on Communication Systems

- **Grid services and applications**

- **Storage area networks (SAN)**