



## **COMMUNICATIONS SOFTWARE, SERVICES, AND MULTIMEDIA APPLICATIONS (CSSMA)**

### **Symposium Co-Chairs**

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### **Sponsoring Technical Committees**

Communications Software

Multimedia Communications

### **Scope**

The Communications Software, Services and Multimedia Applications Symposium covers challenges and advances for service delivery and management in fixed and mobile communication networks. These topics are particularly relevant for researchers, developers and industries in the areas of networking and services covered by many Technical Committees. The symposium will follow GC2010 instructions for paper submission, review, and session construction. Papers offering novel research contributions in any aspect of Communications Software and Services are solicited for submission to the symposium.

### **Topics of Interest**

- \* Next Generation Services and Service Platforms
  - Mobile Services and Service Platforms including IMS
  - Home Network Service Platform
  - VoP2P and P2P-SIP Services
  - Converged Application/Communication Servers and Services
  - Location-based Services
  - Social Networking Communication Services
  - Advanced Communication Services and Feature Interaction
- \* Multimedia applications and services including VoIP, IPTV, Gaming
  - Multimedia delivery over wired and wireless networks
  - Cross-layer optimization for multimedia service support
  - Multicast, Broadcast and IPTV
  - Media streaming
  - Peer-to-Peer services
  - Scalability and reliability issues
  - Video quality assessment and impairment concealment

- \* Software and Protocol Technologies for advanced service support
  - Web Services and distributed SW technology
  - Distributed systems and applications, including Grid Services
  - Peer-to-Peer technologies for communication services
  - Service overlay networks
  - E-Health and Medical communications
  - Context Awareness and Personalization
  - Ubiquitous Computing Services and Applications
  - Communications Software in Vehicular Communications
- \* Network and Service Management and Provisioning
  - Multimedia QoS provisioning
  - Quality of Experience for End-to-End Communications
  - End-to-End Quality of Service Routing algorithms
  - Service Creation, Delivery, Management
  - Network Management
  - Virtual Home Environment
  - Charging, Pricing, Business Models
  - Triple Play Services
  - Security and Privacy in Network and Service Management
  - Service Overlay Networks
  - Cooperative Networking for Streaming Media Content

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