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Call for Papers for
Communications Software, Services and Multimedia Applications Symposium

Scope and Motivation:

The Communications Software, Services and Multimedia Application Symposium that will be part of GC2014 will provide an international technical forum for presenting research results on several aspects of communications software, services, and multimedia communications. It aims at bringing together experts from industry and academia to exchange ideas on advancing the state-of-the-art and overcoming research challenges related to multimedia applications over wireless networks and the Internet, software design, and system deployment of services. Papers may cover any topic related to communications software, services, and multimedia applications. Sample topics are listed below.

Topics of Interest:

• Multimedia delivery and streaming over wired and wireless networks
• Cross-layer optimization for multimedia service support
• Multicast, broadcast and IPTV
• Multimedia computing systems and human-machine interaction
• Interactive media and immersive environments
• Multimedia content analysis and search
• Multimedia databases and digital libraries
• Converged application/communication servers and services
• Multimedia security and privacy
• Multimedia analysis and social media
• Multimedia QoS provisioning
• Multimedia streaming over mobile social networks and service overlay networks
• Service creation, delivery, management
• Virtual home environment and network management
• Charging, pricing, business models
• Security and privacy in network and service management
• Cooperative networking for streaming media content

• Location-based services

- Social networking communication services
- Mobile services and service platforms
- Home network service platforms
- VoP2P and P2P-SIP services
- Ubiquitous computing services and applications
- Networked autonomous systems
- Communications software in vehicular communications
- Web services and distributed software technology
- Software for distributed systems and applications, including smart grid and cloud computing
- Peer-to-Peer technologies for communication services
- Context awareness and personalization

Sponsoring Technical Committees:

- Internet TC (ITC)
- TC on Multimedia Communications (MMC)

How to Submit a Paper:

The IEEE Globecom 2014 website provides full instructions on how to submit papers. You will select the desired symposium when submitting. **The paper submission deadline is April 1, 2014. Unlike recent ICC's and Globecom's, this is a hard deadline that will not be extended.**

Symposium Co-Chairs:

- Antonios Argyriou, University of Thessaly, Greece, anargyr@ieee.org

- Kai Yang, Bell Labs, Alcatel Lucent USA, kyee@ee.columbia.edu

Biographies:

Antonios Argyriou (S'00, M'07) received the Diploma in electrical and computer engineering from Democritus University of Thrace, Greece, in 2001, and the M.S. and Ph.D. degrees in electrical and computer engineering as a Fulbright scholar from the Georgia Institute of Technology, Atlanta, USA, in 2003 and 2005, respectively.

Currently, he is tenure-track Lecturer and Marie Curie Fellow at the Department Electrical and Computer and Engineering, University of Thessaly, Greece. From 2007 until 2010 he was a Senior Research Scientist with the wireless communications and networking group at Philips Research. From 2004 until 2005, he was a research engineer at Soft.Networks, Atlanta, GA. He has served as a guest editor for the IEEE Transactions on Multimedia Special Issue on Quality-Driven Cross-Layer Design, and a lead guest editor for the Journal of Communications, Special Issue on Network Coding and Applications. He was the

publicity co-chair of Globecom 2010 and hes is currently serving as a Symposium Chair for Globecom 2014. He also serves in the editorial board of the Journal of Communications. His general interests are in the areas of communications, networking and signal processing. His current research interests are in the areas of video transmission over wireless networks, cooperative wireless communications, interference management, network coding, cross-layer design, and sensing systems. He is a member of IEEE.

 Kai Yang (M' 09) received the B.E. degree in electrical engineering from Southeast University, China and the M.S. degree from the Singapore-MIT Alliance, National University of Singapore. He received the Ph.D. degree in electrical engineering from Columbia University in 2009.

He joined Bell Labs, Alcatel-Lucent, in 2009. In 2007 and 2008, he was with NEC Labs America, Princeton, NJ, as a Research Associate. In this role, he worked on resource allocation for next-generation wireless systems (WiMAX/LTE), as well as signal processing and VLSI implementations of the digital coherent receivers for the 100G long-haul fiber optical system. His research interests fall into the general areas of research interests include wireless communications, smart grid, coding and optimization theory.

Dr. Yang was awarded the Eliahu Jury Award from Columbia University. He is also the recipient of the 2011 Bell Labs Teamwork Award. Kai Yang serves as an editor of IEEE Communications Surveys & Tutorials, European Transaction on Telecommunications, and a leading guest editor for Journal of Communications special issue on Interference management in 4G wireless networks. He served as the demo/poster co-chair of IEEE INFOCOM 2012. He frequently served as the technical program members for major IEEE major conferences, including IEEE INFOCOM, Globecom, and ICC.