

giis 2009

IEEE Global Information Infrastructure Symposium

"Sustainable Communications for all Regions"

23-25 June 2009

Hammamet, Tunisia

Important Dates

Paper Submissions:

1 April 2009

Author Notification:

25 April 2009

Camera-Ready Due:

14 May 2009

General Chair

Raouf Boutaba, University of Waterloo, Canada

Program Co-Chairs Technology Track

Ahmed Mehaoua, University Paris Descartes, France

Sami Tabbane, SUPCOM, Tunisia

Program Co-Chairs Policy Track

Mehmet Ulema, Manhattan College, USA

Robert Walp, GCI, Alaska, USA

Local Arrangements Co-chairs

Mounir Frikha, Nabil Tabbane SupCom, Tunisia

Hassine Mounsla, University Paris Descartes, France

Publication Chair

Yacine-Ghamri Doudane, ENSIE, France

Workshops Chair

Georges Kormentzas, Aegean University, Greece

Tutorial Chair

Rami Langar, University of Paris 6, France

Posters Chair

Abdelfettah Belghith, ENSI, Tunisia

Publicity co-Chairs

Paolo Bellavista, University of Bologna, Italy

Carlos Becker Westphall, Federal University of Santa Catarina, Brazil

Infrastructure chair

Ibrahim Hajjeh, Inovation, France

GIIS 2009 follows the success of GIIS 2007 (www.ieee-giis.org/GIIS2007)

The scope of GIIS consists of interrelated set of technical, policy, and social issues implicit in the development of national and international (global) information infrastructures. GIIS aims at identifying and promoting the exchange of knowledge on these interrelated issues and provides liaison to bodies in the global society, technical for and international standards. GIIS 2009 will stimulate interdisciplinary conference sessions and workshops to discuss, built and further the use of national and international information infrastructures.

The conference also aims at providing a forum for the participants to broaden professional contacts and for technical discussions and interactions on specific information infrastructure topics. Information infrastructure brings together information processing applications, communications networks and services, physical and software elements in networks, and end systems. The program of GIIS 2009 will include invited talks, paper presentations, workshops, tutorials, panel and discussion sessions.

The technical issues addressed by the conference include Interoperability at various levels, standard services and user interfaces, world wide naming and addressing, and the international mobility of persons and services. The policy issues addressed by the conference are those with a large technical element, including protection of intellectual property, privacy and security, international use of encryption technology, commercial protocols, and standards vs. proprietary technologies. The conference is specifically interested in ubiquity, open source/equal access, ease of use, cost effectiveness, standards, and architectural openness. Topics of interest include but are not restricted to the following aspects:

TECHNOLOGY TRACK

COMMUNICATION SOFTWARE & SERVICES

Communications & Information Security

Middleware for networked applications

Communications Quality and Reliability

Network Operations and Management

Autonomic Communication Systems

VoIP, IPTV, MobileTV, TVOD, Gaming

e-Government, e-Health,

Networked Medical Applications

NETWORKING

Ad Hoc & Sensor Communications & Networks

Communications Switching & Routing

Delay/Disruption tolerant wireless networks

High-Speed / Optical Networking

Next Generation Internet

Multimedia Communications

Optical Networking

Home and Enterprise Networking

Personal Communications

Peer-to-peer & overlay networks

Tactical Communications and operations

COMMUNICATIONS TECHNOLOGIES

Communication Theory

Power Line Communications

Wireless Communications

Satellite and Space Communications

Transmission, Access and Optical Systems

Submission Process

Participants should submit a research paper or experience report, not exceeding 4000 words (8 pages using 10-point type), including figures and references. The cover page should indicate whether it is a research or an experience paper. Full paper submissions must be received by March 15th 2009, and may be in Adobe Acrobat PDF. Papers must be submitted online via the GIIS 2009 website. The proceedings will be published in **IEEE Xplore**.

For further information visit: www.ieee-giis.org or send an email to: chairs2009@ieee-giis.org

POLICY TRACK

TELECOM FINANCE and ECONOMICS

Telecom price regulation, pricing strategies

Cost accounting, cost structures for telecom

Economic model of international interconnection

Economic & intellectual property issues

CONVERGENCE AND COMPETITION

Competition in International Service

Municipal broadband

Net neutrality issues

Global telecom business, country and region cases

TELECOM AND SOCIETY

Communities in connectivity policy making

Training, support, relevant applications

Non-Governmental Organizations

Professional organizations and standards activities

Implications of new telecom technologies

Digital Opportunity Index

POLICY AND RESTRUCTURING

Region and country specific telecom policies

Services focused telecom policy

Strategies for growing rural connectivity

Spectrum management policies

DEVELOPMENT OF GLOBAL ACCESS

Development plans and activities

Economics and financing of the global access

Prospects for stable development and growth

Organizational issues – deployment and operations

Oversight issues - transparency and accountability

