

Global Information Infrastructure Symposium

GIIS 2011 - Call for Papers

Technically Co-Sponsored by IEEE



August 4th to 6th, 2011 – Da Nang, Vietnam

(co-located with the International Conference on Advanced Technologies for Communications – ATC'11)

General co-Chairs :

Le Kim Hung, *Da Nang University of Technology, Vietnam*
Yacine Ghamri-Doudane, *University of Paris-Est (LIGM Lab) & ENSIIE, France*

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Thi Hoang Lan NGUYEN, *Hanoi University of Science & Technology, Vietnam*

TPC co-Chairs - Policy Track

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Tutorials co-Chairs

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Ibrahim Hajjeh, *Innovation, France*

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 fora and international standards. GIIS 2011 will stimulate interdisciplinary conference sessions and workshops to discuss, build 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 2011 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, worldwide 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. All accepted GIIS 2011 papers will be published in the **IEEE Xplore**.

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

HUMANITARIAN AND 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
- Telecom policies for rural and poor areas

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 especially in developing countries
- Organizational issues – deployment and operations
- Oversight issues – transparency and accountability

Important Dates:

Paper Submission deadline (**Firm**):
April 30, 2011 May 30, 2011

Author Notification:

June 10, 2011

Camera-Ready Due:

July 01, 2011

Submission Instructions:

Authors are invited to submit research or experience papers including the abstract, figures and references. Papers should include the title, authors' name and affiliations, and an abstract. Suggested paper length is 6 single-spaced and two-column pages using at least 10 point size type on 8.5 * 11 inches pages (IEEE Conference Papers style). In all cases, papers must not exceed 8 single-spaced and two-column pages using at least 10 point size type on 8.5 * 11 inches pages.

For further information, please refer to GIIS 2011 website: www.giis2011.org