

Global Information Infrastructure Symposium

GIIS 2011

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

TECHNICAL PROGRAM

	Thursday, 04 August 2011	Friday, 05 August 2011	Saturday, 06 August 2011	
9:00 AM	Registration Desk	Keynote Speech	Keynote Speech	
9:30 AM		Coffee Break	Coffee Break	
10:00 AM		Wireless Network II Session	Mobility Management for Future Internet (MMFI) Session	
10:30 AM				
11:00 AM				
11:30 AM		Lunch	Lunch	
12:00 AM				
12:30 AM		Opening ceremony and Welcome Address	Policy and Humanitarian Technologies Session	ITS for Ubiquitous Roads (UBIROADS) Session
1:00 PM				
1:30 PM		Keynote Speech	Coffee Break	Closing ceremony
2:00 PM		VANET Session	Security & Reliability Session	
2:30 PM				
3:00 PM				
3:30 PM				
4:00 PM	Wireless Network I Session			
4:30 PM				
5:00 PM				
5:30 PM				
6:00 PM				

Thursday 04 August 2011

09:00 – 18:00 *Registration Desk opens*

14:00 – 14:30 *Opening ceremony and Welcome Address*

14:30 – 15:30 *Keynote Speech*

- ***Evolution of technology and infrastructure for ambient awareness: towards smart cities***, Roberto Saracco (*Future Centre - Telecom Italia Lab (TILAB), Italy*)

15:30 – 16:00 *Coffee Break*

16:00 – 17:00 *VANET Session*

- ***LTE4V2X - Impact of High Mobility in Highway Scenarios*** Guillaume Rémy (*Orange Labs, France*), Sidi-Mohammed Senouci (*University of Bourgogne, ISAT Nevers, France*), Francois Jan (*France Telecom R&D, France*), Yvon Gourhant (*Orange Labs, France*).
- ***Solving Car Pooling Problem using DCA*** Son Ta (*CRP Henri Tudor, Luxembourg city, Luxembourg*), Le Thi Hoai An (*Laboratory of Theoretical and Applied Computer Science (LITA), Paul Verlaine, Metz University, France*), Gérald Arnould (*CRP Henri Tudor, Luxembourg city, Luxembourg*), Djamel Khadraoui (*CRP Henri Tudor, Luxembourg city, Luxembourg*).

17:00 – 18:00 *Wireless Network I Session*

- ***Channel-hole Based Scheduling in Relay-assisted Wireless Networks*** Yan Li (*ENSIIE, France*), Yacine Ghamri-Doudane (*ENSIIE & Université Paris-Est (LIGM lab), France*), Marwen Abdennebi (*ENSIIE & University of Paris 13, France*).
- ***Delay Tolerant Transport Protocol - DTTP*** Fábio Albin (*Universidade Tecnológica Federal do Paraná, Brasil*), Anelise Munaretto (*UTFPR, Brasil*), Mauro Fonseca (*PUCPR, Brasil*).

Friday 05 August 2011

09:00 – 10:00 *Keynote Speech*

10:00 – 10:30 *Coffee Break*

10:30 – 12:30 *Wireless Network II Session*

- ***A-GPS Assisted Wi-Fi Access Point Discovery on Mobile Devices for Energy Saving***, Feng Xia (*Dalian University of Technology, China*), Wei Zhang (*Dalian University of Technology, China*),

Fangwei Ding (Dalian University of Technology, China), Ruonan Hao (Dalian University of Technology, China).

- **Long-Term Radio Resource Reservation in IEEE 802.16 rtPS for Video Traffic**, Marwen Abdennebi (University of Paris 13, France), Yacine Ghamri-Doudane (ENSIIE & University Paris-Est (LIGM lab), France).
- **A Reliable PLCP-based Multicast Protocol for IEEE 802.11 WLAN**, Yousri Daldoul (University of Bordeaux I, France), Djamel Meddour (France Telecom R&D, France), Toufik Ahmed (University of Bordeaux, France).
- **Heuristic Approaches for Access Points Deployment and Frequency Assignment in WLANs**, Abdelhak Farsi (University of Paris 13, France), Nadjib Achir (University Paris 13, France), Khaled Boussetta (University of Paris 13, France).

12:30 – 14:00 Lunch

14:00 – 15:30 Policy and Humanitarian Technologies Session

- **Strategy and Policy for Digitalization of Terrestrial Television Transmission in Vietnam**, Tran Minh Tuan (National Institute of Information and Communications Strategy, Vietnam).
- **Revenue Model for Developing World Municipal Broadband Network - A Case Study**, Amos Nungu (Telecommunication Systems Lab, KTH Royal Institute of Technology, Sweden), Terrence Brown (Business Dev. Entrepreneurship Division, KTH, Sweden), Bjorn Pehrson (Telecommunication Systems Lab, KTH Royal Institute of Technology, Sweden).
- **Policy for promotion 3G mobile services in Vietnam**, Tran Minh Tuan (National Institute of Information and Communications Strategy)

15:30 – 16:00 Coffee Break

16:00 – 17:30 Security & Reliability Session

- **Towards Secure Route Discovery Protocol in MANET**, Rida Khatoun (ERA/ICD-FRE CNRS 2848, France), Lyes Khoukhi (University of Technology of Troyes, France).
- **On optimizing energy consumption: An adaptative authentication level in wireless sensor networks**, Martin Peres (University of Bordeaux I, France), Mohamed Aymen Chalouf (University of Bordeaux I, France), Francine Krief (University of Bordeaux I, France).
- **Increasing Router Availability through Virtualization**, Sergio Correia (Universite du Quebec a Montreal, Canada), Omar Cherkaoui (University of Quebec in Montreal, Canada), Joaquim Celestino Júnior (State university of Ceará – UECE, Brazil).

Saturday 06 August 2011

09:00 – 10:00 *Keynote Speech*

- **4G mesh networks**, Guy Pujolle (*University Pierre and Marie Curie - Paris 6, France*)

10:00 – 10:30 *Coffee Break*

10:30 – 12:30 *Mobility Management for Future Internet (MMFI) Session (Session Chair: Thi Mai Trang Nguyen, University Pierre and Marie Curie - Paris 6, France)*

- **Evaluation of Multipath TCP Load Sharing with Coupled Congestion Control Option in Heterogeneous Networks**, Sinh Chung Nguyen (*University Pierre and Marie Curie - Paris 6, France*), Thi Mai Trang Nguyen (*University Pierre and Marie Curie - Paris 6, France*).
- **Game approach to a system of multi-homed mobile terminals**, Minh Anh Tran (*University Paris-Est Créteil Val de Marne, France*), Nadia Boukhatem (*Télécom ParisTech, France*), Phuoc Nguyen Tran (*Applied Micro Circuits Corporation Vietnam Co. Ltd., Vietnam*).
- **Network Availability Prediction: Can it be done?**, Aruna Seneviratne (*National ICT Australia and UNSW, Sydney, Australia*), Jhoanna Rhodette Pedrasa (*University of the Philippines, Diliman, Quezon City, Philippines*), Upendra Ratnyake (*National ICT Australia and UNSW, Sydney, Australia*).
- **Concurrent Multipath Transfer Performance Optimization Using Kalman Filter Based Predictive Delay Estimation in Wireless Networks**, Xiaofei Zhang (*University Pierre and Marie Curie - Paris 6, France*), Thi Mai Trang Nguyen (*University Pierre and Marie Curie - Paris 6, France*).

12:30 – 14:00 *Lunch*

14:00 – 15:30 *ITS for Ubiquitous Roads (UBIROADS) Session (Session Chair: Anis Laouiti, Software and Network Department, Telecom SudParis, France)*

- **A DTN routing on OLSR for VANET: A Preliminary Road Experiment**, Preechai Mekbungwan (*Internet Education and Research Laboratory, Asian Institute of Technology*), Apinun Tunpan (*Internet Education and Research Laboratory, Asian Institute of Technology*), Luís Filipe Salé Borlido (*Internet Education and Research Laboratory, Asian Institute of Technology*), Nattiya Khaitiyakun (*Internet Education and Research Laboratory, Asian Institute of Technology*), Kanchana Kanchanasut (*Internet Education and Research Laboratory, Asian Institute of Technology*).
- **A Cooperative Aggregation-based Architecture for Vehicle-to-Grid Communications**, Natalie Matta (*Troyes University of Technology, France*), Rana Rahim (*Lebanese University, Lebanon*), Leila Merghem-Boulaïhia (*Troyes University of Technology, France*), Akil Jrad (*Lebanese University, Lebanon*).
- **Use Case Description of VPAIR: Virtual Police Agents for Traffic Guidance**, Arturo Gomez (*University of Paris 13, France*), Gladys Diaz (*University of Paris 13, France*), Khaled Boussetta (*University of Paris 13, France*), Nadjib Achir (*University of Paris 13, France*).

15:30 – 16:00 *Closing ceremony*