



## Program at a Glance

Monday 22, June	
9:00-10:30	Tutorial 1
10:30-11:00	Coffee break
11:00-12:30	Tutorial 1
12:30-2:00	Lunch
2:00-3:30	Registration      Tutorial 1
3:30-4:00	Coffee break
4:00-5:30	Registration      Tutorial 1

	Tuesday 23, June	Wednesday 24, June	Tuesday 25, June
8:00-8:45	Registration	Registration	Registration
8:45-9:00	Opening		
9:00-10:15	<u>Keynote Speech 1</u>	<u>Keynote Speech 2</u>	<u>Keynote Speech 3</u>
10:15-10:45	Coffee break	Coffee break	Coffee break
10:45-12:30	<u>Technical session 1</u>	<u>Policy session 1</u>	<u>Technical session 4</u>
12:30-2:00	Lunch	Lunch	Lunch
2:00-3:45	<u>Technical session 2</u>	<u>Panel</u>	<u>Technical session 5</u>
3:45-4:15	Coffee break	Coffee break	Coffee break
4:15-6:00	<u>Technical session 3</u>	<u>Policy session 2</u>	<u>Technical session 6</u>
6:15-6:30			Closing
8:30-10:30		Banquet	

	Friday 26, June	
8:00-9:00	Registration	
9:00-9:30	<u>Tutorial 2</u>	
9:30-10:30	<u>Tutorial 2</u>	<u>Ubiroads Workshop Technical session 1</u>
10:30-11:00	Coffee break	Coffee break
11:00-12:30	<u>Tutorial 2</u>	<u>Ubiroads Workshop Technical session 1</u>
12:30-2:00	Lunch	
2:00-3:30	<u>Tutorial 3</u>	<u>Ubiroads Workshop Technical session 2</u>
3:30-4:00	Coffee break	Coffee break
4:00-5:00	<u>Tutorial 3</u>	<u>Ubiroads Workshop Technical session 2</u>
5:00-5:30	<u>Tutorial 3</u>	

# Technical Sessions

**Tuesday, June 23, 2009 - 10:45AM - 12:30PM**

## Technical Session 1 : Wireless Networking

**Chair :** Dr. Hossam Hassanein, Queen's University, Kingston, Canada

### ***GEAMS: A Geographic Energy-Aware Multipath Stream-based Routing Protocol for WMSNs***

Samir Medjah (ESI, Alger, Algérie & CNRS-LaBRI, Université de Bordeaux-1), Toufik Ahmed, Francine Krief (CNRS-LaBRI, Université de Bordeaux-1)

### ***Performance Evaluation of Routing Protocols in a Real-World WSN***

Abd Al Basset Almamou (ICS, Freie Universität Berlin, Germany & Telecom ParisTech, France), Raphaela Wrede (ICS, Freie Universität Berlin, Germany), Pardeep Kumar (ICS, Freie Universität Berlin, Germany), Houda Labiod (Telecom ParisTech, France), Jochen Schiller (ICS, Freie Universität Berlin, Germany)

### ***Proportional and Derivative Algorithm: A New Router-based UDP Congestion Control Scheme for Mobile Wireless Networks***

Abir Ben Ali, Ilhem Lengliz, Farouk Kamoun (CRISTAL Laboratory, ENSI, Tunisia)

### ***Performance Evaluation of Location-Aided Routing Protocols in Ad Hoc Networks***

Mohamed Adnene Zayene, Nabil Tabbane (Sup'Com, Tunis, Tunisia)

### ***A dynamic power saving mechanism***

Imen Jemili (HANA Research Group, University of Manouba, Tunisia & LaBRI, University of Bordeaux - ENSEIRB, France), Abdelfettah Belghith (HANA Research Group, University of Manouba, Tunisia), Mohamed Mosbah (LaBRI, University of Bordeaux - ENSEIRB, France)

**Tuesday, June 23, 2009 - 04:15PM - 06:00PM**

## Technical Session 3 : Wireless Communications

**Chair :** Dr. Abdelfettah Belghit, ENSI - Tunisia

### ***Investigation of Multiuser Detection Schemes for Multiple Transmit/Multiple Receive Antenna Aided OFDM-SDMA Systems***

Mostafa Hefnawi, Ahmed Iyanda Sulyman (Royal Military College of Canada, Kingston, Canada)

### ***Space Orthogonal Frequency Time Medium Access Control (SOFT MAC) for VANET***

Ghassan Abdalla (University of Plymouth, UK), Mosa bu-Rgheff (University of Plymouth, UK), Sidi-Mohammed Senouci (Orange Labs R&D, France)

### ***WiMAX Subchannelization Modes: Performance Analysis and Spectrum Efficiency Enhancement***

Mohamed Melki, Soumaya Hamouda, Sidi Ould Mohamed, Sami Tabbane (MEDIATRON, Sup'Com, Tunis, Tunisia)

### ***Optimized Dimensioning Methods for HSPA Based Beyond 3G Mobile Networks***

**Tuesday, June 23, 2009 - 02:00PM - 03:45PM**

## Technical Session 2 : Communication Security

**Chair :** Dr. Farouk Kamoun, ESPRIT - Tunisia

### ***Flooding Attacks Detection and Victim Identification over High Speed Networks***

Osman Salem, Ahmed Mehaoua (Université Paris-Descartes, Paris, France), Sandrine Vatton, Annie Gravey (TELECOM Bretagne, Brest, France)

### ***Node Capture Attack Impact on Key Management Schemes For Heterogeneous Wireless Sensor Networks***

Boushra Maala, Yacine Challal, Hatem Bettahar, Abdelmadjid Bouabdallah (CNRS-Heudiasyc, University of Technology of Compiègne, France)

### ***On Dynamic chaotic S-BOX***

Ghada Zaibi (ENIS Sfax, Tunisia), Fabrice Peyrard (LATTIS, INSA Toulouse, France), Abdennaceur Kachouri (ENIS Sfax, Tunisia), Danièle Fournier-Prunaret (LATTIS, INSA Toulouse, France)

### ***SM-Sens: Security Middleware for Wireless Sensor Networks***

Luiz Freitas, Kalil Bispo, Nelson Rosa, Paulo Cunha (Centre of Informatics, Federal University of Pernambuco, Recife, Brazil)

### ***Multi-Agents System Service based Platform in Telecommunication Security Incident Reaction***

Benjamin Gâteau, Djamel Khadraoui, Christophe Feltus (Public Research Centre Henri Tudor, Luxembourg)

**Wednesday, June 24, 2009 - 10:45AM - 12:30AM**

## Policy Session 1 : Global Connectivity

**Chair :** Dr. Mehmet Ulema, Manhattan College - USA

### ***Overcoming the Barriers of Isolation: Strategies for Small and Isolated Developing Countries***

Heather E. Hudson (School of Business and Management, University of San Francisco, CA, USA)

### ***The Mobile Revolution and the Cellphone as an Antipoverty Vaccine***

Diju Raha (Eximsoft International, Raleigh, NC, USA), Sorin Cohn-Sfetcu (OrbitIQ Inc, Ottawa, ON, Canada)

### ***Estimating Mobile Phone Non-subscribers and Quasi Subscribers by Sampling***

Mohammad Annafari, Erik Bohlin (Chalmers University of Technology Göteborg, Sweden)

### ***Local-communities insertion network platform: design and specifications***

Anis Masmoudi (ISECS, University of Sfax, Tunisia & MEDIATRON, Sup'Com, Tunis, Tunisia), Sami Tabbane (MEDIATRON, Sup'Com, Tunis, Tunisia)

**Wednesday, June 24, 2009 - 04:15PM - 06:00PM**

### **Policy Session 2 : Pricing, e-Health and e-Government**

**Chair :** Dr. Robert Walp, GCI, Alaska - USA

#### ***Implementing Home Care Application in Brazilian Digital TV***

Mauro Oliveira (Federal Institut of Ceará, Fortaleza, Brazil), Paulo Cunha (Federal University of Pernambuco, Recife, Brazil), Marcos Santos (Universidade Estadual do Ceará, Fortaleza, Brazil), Julio Bezerra (Universidade Estadual do Ceará, Fortaleza, Brazil)

#### ***Web-Based Remote Collaboration over Medical Image Using Web Services***

Yonggang Huang, Chunyang Hu, Yongwang Zhao, Dianfu Ma (BeiHang University, Beijing, China)

#### ***Survey on e-government approaches: which approach best fits my Government?***

Nabil Sahli (Dhofar University, Salalah, Sultanate of Oman), Sehl Mellouli (Laval University, Quebec, Canada), Nafaâ Jabeur (Dhofar University, Salalah, Sultanate of Oman)

#### ***A constant revenue model for packet switched network***

Fan Zhang, Pramode Verma (University of Oklahoma, Tulsa, OK, USA)

**Thursday, June 25, 2009 - 02:00PM - 03:45PM**

### **Technical Session 5: Autonomic and Overlay Networking**

**Chair :** Dr. Yacine Ghamri-Doudane, ENSIIE - France

#### ***A Topology-Aware P2P Video Streaming System***

Bertrand Mathieu, Pierre Paris (Orange Labs / CORE, Lannion, France)

#### ***Locality-aware Chord over Mobile Ad Hoc***

Sonia Fantar (University of Manouba, Tunisia & LIP6, UPMC, France), Habib Ben yousef (PRINCE, University of Sousse, Tunisia), Guy Pujolle (LIP6, UPMC, France)

#### ***Performance Characterization of Signaling Traffic in UMTS Virtualized Network***

Limam Bedhiaf Imen, Omar Cherkaoui (University of Quebec at Montreal, Canada), Guy Pujolle (University of Pierre et Marrie Curie, Paris, France)

#### ***QoS-PAR: a routing protocol for wireless ad hoc networks using a cross-layer autonomic architecture***

Djamel Khadraoui (Public Research Centre Henri Tudor, Luxembourg), Farid Meinkoehn (Cybercultus S.A, Luxembourg), Raul Ruggia, Federico Piedrabuena (INCO, Monte Video, Uruguay)

**Thursday, June 25, 2009 - 10:45AM - 12:30PM**

### **Technical Session 4: Multimedia Communications**

**Chair :** Dr. Paulo Cunha, Universidade Federal de Pernambuco – Brazil

#### ***Delivering Scalable Video Coding using P2P Small World based Push Pull Mechanism***

Ubaid Abbasi, Mubashar Mushtaq, Toufik Ahmed (CNRS LaBRI Lab, University of Bordeaux, France)

#### ***A Robust Network Coding Scheme For SVC Based Streaming over Wireless Mesh Network***

Abdul Razzaq, Ahmed Mehaoua (LIPADE, University Paris Descartes, France)

#### ***An Efficient Model Based Admission Control Algorithm to Support Voice and Video services in 802.11e WLANs***

Nada Chendeb Taher, Yacine Ghamri-Doudane (ENSIIE, Evry, France), Bachar El Hassan (Lebanese University, Tripoli, France), Nazim Agoulmine (University of Evry, France)

#### ***A Perceived Quality aware Cross Layer Monitoring Framework for Real Time Media Content Adaptation***

Mamadou Sidibe (PRISM, Univ. of Versailles, France), Harilaos Koumaras (NCSR Demokritos, Greece), George Xilouris (NCSR Demokritos, Greece), Ahmed Mehaoua (LIPADE, Univ. Paris Descartes, France), Anastasios Kourtis (NCSR Demokritos, Greece)

#### ***Voicing Aware Parametric Speech Quality Models over VoIP networks***

Sofiene Jelassi, Habib Ben yousef (PRINCE, ISITCom, Hammam Sousse, Tunisia), Christian Hoene (RI, Universität Tübingen, Germany), Guy Pujolle (University of Pierre et Marrie Curie, Paris, France)

Berrayana Wafa (University of Manouba, Tunisia & LIP6, UPMC, France), Habib Ben yousef (PRINCE, University of Sousse, Tunisia), Rami Langar, Guy Pujolle (LIP6, UPMC, France)

**Thursday, June 25, 2009 - 04:15PM - 06:00PM**

### **Technical Session 6: Network Operations and Management**

**Chair :** Bertrand Mathieu, Orange Labs - France

#### ***Information Management and Sharing for Ambient Multiaccess Networks***

Kostas Pentikousis (VTT, Oulu, Finland), Alex Galis (University College London, UK), Ramon Agüero (University of Cantabria, Santander, Spain)

#### ***A Local View Management Protocol for Network-wide View construction in Wireless Network***

Berrayana Wafa (University of Manouba, Tunisia & LIP6, UPMC, France), Habib yousef (PRINCE, University of Sousse, Tunisia), Guy Pujolle (LIP6, UPMC, France)

#### ***A service oriented middleware for seamless connectivity: An m-Health initiative through Service continuity in B3G Networks***

Hassine Mouncla (LIPADE Laboratory, University Paris-Descartes & INRIA Paris-Rocquencourt, France)

***A Location-Aware User Tracking and Prediction System***

Ismaeel Al Ridhawi, Ahmed Karmouch, Moyad Aloqaily (SITE, University of Ottawa, Canada), Nazim Agoulmine (University of Evry, France)

***Cartography Based Self Regulating Proactive Routing Protocols in MANETs***

Abdelfettah Belghith, Mohamed Amine Abid (HANA Research Group, University of Manouba, Tunisia)

***Design and Validation of a Reliable Rate Based Transport Protocol: The Chameleon Protocol***

Emmanuel Lochin (LAAS-CNRS, Université de Toulouse, France), Guillaume Jourjon, Sebastien Ardon (NICTA, Sydney, Australia)

# Panel

***Wednesday, June 24, 2009 - 02:00PM - 03:45PM***

**Title: Technical and Economical Solutions for Providing Telecom Access in Developing Regions.**

**Chair: Robert Walp**, Chairman Emeritus, General Communication, Inc., Alaska, USA

**Panelists:**

**Ian F. Akyildiz**, Professor, Georgia Institute of Technology, Atlanta, USA

**Heather E. Hudson**, Professor, University of San Francisco, USA

**Mehmet Ulema**, Professor, Manhattan College, New York, USA

**Robert Walp**, Chairman Emeritus, General Communication, Inc., Alaska, USA

**Amadou T. Diallo**, African Development Bank, Tunis, Tunisia

This panel will address the status of telecommunications today, the challenges ahead and solutions for making services available to everyone, especially in developing regions. Panelists with diverse backgrounds and extensive experiences in their fields will discuss technical, economical, regulatory, and political aspects of the problem.

# Poster Sessions

Tuesday, June 23, 2009 - 03:45PM - 04:15PM

**Poster session 1 : P2P applications, Network Operations and Management**

***Structured Flooding Search in Chord Overlays***

Salma Ktari, Houda Labiod, Arthur Hecker (Telecom ParisTech, Paris, France)

***A Context Dissemination Scheme for Adaptive and Fault-Tolerant Services in Heterogeneous Environments***

Dineshbalu Balakrishnan, Amiya Nayak (SITE, University of Ottawa, Canada)

***Dynamic architecture for the resolution of the problems of optimization for mobile telephony operators***

Mezioud Chaker, Mohammed Khireddine KHOLLADI (University Mentouri of Constantine, Algeria)

***A node allocation system for deploying JavaEE systems on Grids***

Takoua Abdellatif (ESSTHS, University of Sousse, Tunisia), Fabienne Boyer (Sardes Project, INRIA & University Joseph Fourier, France)

***SSLNP: Secured Service Level Negotiation Protocol***

Mohamed Aymen Chalouf, Francine Krief (LaBRI Laboratory, University of Bordeaux, France)

**Wednesday, June 24, 2009 - 03:45PM - 04:15PM**

**Poster session 3: Routing and mobility**

***Semantics and Routing in Wireless Sensor Networks: Challenges and Opportunities***

Nafaâ Jabeur, Youssef Iraqi, Nabil Sahli (Dhofar University, Salalah, Sultanate of Oman)

***CSP: Cluster-based Self-organizing Protocol for Vehicular Networks***

Mohamed oussama Cherif, Sidi-Mohammed Senouci, Bertrand Ducourthial

***A Novel Scattering Distance-Based Mobile Positioning Algorithm***

Mohamed Zhaounia, Mohamed Adnan Landolsi, Ridha Bouallegue

Wednesday, June 24, 2009 - 10:15AM - 10:45AM

**Poster session 2: QoS and Performances**

***Enhancing QoS parameters using an IEEE 802.11 multi-interface based wireless distribution system (MI-WDS)***

Abdelfettah Belghith, Rafea Tahar, Rafik Braham (HANA Research Group, University of Manouba, Tunisia)

***An efficient Core Selection Algorithm for Delay and Delay-Variation Constrained Multicast Tree Design***

Adel Ben Mnaouer (Center of ICT, University of Trinidad and Tobago), Mohamed Aissa (Community College in Shaqra, Kingdom of Saudi Arabia), Abdelfettah Belghith (HANA Research Group, University of Manouba, Tunisia)

***Performance Evaluation for Competing High-Speed TCP Protocols***

Ali Hamlili (Mohamed V-Souissi University, ENSIAS, Rabat, Morocco)

***Understanding the Impact of TFRC Feedbacks Frequency over Long Delay Links***

Dino Martin Lopez Pacheco, Emmanuel Lochin (CNRS-LAAS, University of Toulouse, France), Golam Sarwar, Rokhsana Boreli (NICTA, Sydney, Australia)

***Performance of MSCTP Protocol in Vertical Handover Case between IEEE 802.16e and IEEE 802.11e Networks***

Tarek Bchini (MEDIATRON - SUP'COM, Tunis, Tunisia & IRT - IRIT, Toulouse, France), Nabil Tabbane (MEDIATRON - SUP'COM, Tunis, Tunisia), Emmanuel Chaput (IRT - IRIT, Toulouse, France), Sami Tabbane (MEDIATRON - SUP'COM, Tunis, Tunisia), Andre-luc Beylot (IRT - IRIT, Toulouse, France)

**Thursday, June 25, 2009 - 10:15AM - 10:45AM**

**Poster session 4: Communication Security**

***SecVLC: Secure Transmission over Multimedia Wireless Ad Hoc Networks with Energy-awareness***

Kaddar Lamia (PRISM, University of Versailles, France), Ahmed Mehaoua (CRIP5, University of Paris Descartes, France)

***P2P-AIS: A P2P Artificial Immune Systems Architecture for Detecting DDoS Flooding Attacks***

Karim Ali, Issam Aib, Raouf Boutaba (University of Waterloo, Ontario)

***Applying Kernel Methods to Anomaly Based Intrusion Detection Systems***

Karim Ali, Raouf Boutaba (University of Waterloo, Ontario)

***Simulation, Optimisation and Integration of Covert Channels, Intrusion Detection and Packet Filtering Systems***

Lilia Frikha (Ecole Supérieure des Communications de Tunis, Ariana, Tunisia), Zouheir Trabelsi (United Arab Emirates University, UAE), Sami Tabbane (Sup'Com, Tunis, Tunisia)

***A distributed multi-level anomalies detection system using the mobile agent approach***

Fakher Ben Ftima (RIADI, ENSI, University of Manouba, Tunisia),  
Wiem Tounsi (INSAT, University of Carthage, Tunisia), Kamel  
Karoui, Henda Ben Ghezala (RIADI, ENSI, University of Manouba,  
Tunisia)

**Thursday, June 25, 2009 - 03:45PM - 04:15PM**

**Poster session 5 : Multimedia Communications and Error Control**

***TOSCANE: TOWards SCalable Audiovisual Communication Networks***

O. Salem (Univ. Paris Descartes, France), L. Carminati (Thomson  
Grass Valley, Rennes, France), A-S. Bacquet, P. Corlay, F-X.  
Coudoux, C. Deknudt, M. Gazalet, M. Gharbi, M. Zwingelstein-  
colin, (IEMN-DOAE, Univ. Valenciennes, France), Y. Berviller,  
M. Guarisco, H. Rabah, S. Weber (Univ. de Nancy HP,  
Vandoeuvre-les-nancy, France), A. Senoussaoui (NetQost,  
Bagnole, France), E. Renan (Thales Communications,  
Colombes, France)

***Asynchronous distributed P2P-SIP model for VoIP***

Amad Mourad (University of Bejaia, Algeria), Ahmed Meddahi  
(Telecom Lille 1, France), Djamil Aïssani (LAMOS, University of  
Bejaia, Algeria)

***A Fast Color Image Encryption Scheme Based on Multidimensional Chaotic Maps***

Abdessalem Benjeddou (6'Tel-SUP'COM, Cité Ghazalah,  
Tunisia), Abdel-Kadous Taha Danièle Fournier-Prunaret (LATTIS-  
INSA Toulouse, France), Ridha Bouallègue (6'Tel-SUP'COM, Cité  
Ghazalah, Tunisia)

***Practical network coding approach for multicast packet switching***

Li Yu (Wuhan National Lab. for Optoelectronics, Wuhan &  
Huazhong University of Sci. & Tech., Wuhan, China), Wei Cheng  
(Huazhong University of Sci. & Tech., Wuhan, China), Wei Wang  
(Wuhan National Lab. for Optoelectronics, Wuhan & Huazhong  
University of Sci. & Tech., Wuhan, China), Fei Xiong (Huazhong  
University of Sci. & Tech., Wuhan, China)

***Iterative Decoding Algorithms of LDPC Codes Using TAP Approach***

Manel Abdelhedi Omessaad Hamdi, Ammar Bouallegue  
(SYSCOM Laboratory, ENIT, Tunis, Tunisia)

## Intelligent Transportation Systems (ITS) for Ubiquitous ROADS

### **Workshop Co-chairs**

Djamel KHADRAOUI, CRP Henri Tudor, Luxembourg

Timo SUKUVAARA, FMI, Finland

### **Technical Program Committee**

Sidi-Mohammed SENOUCI - Orange Labs, France

Nadjib ACHIR - University of Paris 13, France

Hossam AFIFI - INT Evry, France

Nazim AGOULMINE - University of Evry, France

Mosa ALI ABU-RGHEFF - Plymouth University, UK

Christian BETTSTETTER - University of Klagenfurt, Austria

David BINET - France Telecom R&D, France

Khaled BOUSSETTA - University of Paris 13, France

Raouf BOUTABA - University of Waterloo, Canada

Andrea CONTI - University of Bologna, Italy

Mischa DOHLER - France Telecom R&D, France

Bertrand DUCOURTHIAL - University of Technology of Compiègne, France

Fethi FILALI - Eurecom, France

Mohamed Nazim GANNA - Neotilus, France

Yacine GHAMRI-DOUDANE - IIE Evry, France

Athanasios GKELIAS - Imperial College, UK

Rolf KRAEMER - IHP microelectronics, Germany

Marc LACOSTE - France Telecom R&D, France

Wasim Q. MALIK - University of Oxford, UK

Rahul MANGHARAM - Carnegie Mellon University, Pittsburgh, PA, USA

Hassnaa MOUSTAFA - France Telecom R&D, France

Sooksan PANICHPAPIBOON - King Mongkut's Institute of Technology, Thailand

Guy PUJOLLE - University of Paris6, France

Bernhard RINNER - University of Klagenfurt

Athanasia TSERTOU - University of Edinburgh, UK

Jean-Pierre EBERT - IHP Microelectronics, Germany

Djamel KHADRAOUI - Centre Henri TUDOR, Luxembourg

Zineb HABBAS - University of Metz, France

Timo SUKUVAARA - FMI - Finland

Carlos GALVEZ - University of Malaga, Spain

Salem OSMAN - Paris Descartes, France

### **Friday, June 26, 2009 - 09:30AM - 12:00AM**

#### **Technical Session 1: Vehicular Communications**

**Chair :** Dr. Hassine Moun gla, University Paris Descartes – France

#### **Wireless Traffic Service Communication Platform for Cars,**

Timo Sukuvaara (Finnish Meteorological Institute, Helsinki, Finland) and Djamel Khadraoui (CRP Henri Tudor, Luxembourg)

#### **A New Framework of self-organization of Vehicular Networks,**

Mohamed oussama Cherif (Orange Labs, Lannion & Heudiasyc-CNRS, Université de Technologie de Compiègne, France), Sidi-

Mohammed Senouci (Orange Labs, Lannion, France), Bertrand Ducourthial (Heudiasyc-CNRS, Université de Technologie de Compiègne, France)

#### **Connectivity dynamics in vehicular freeway scenarios,**

Ossama Hamouda, Mohamed Kaâniche (CNRS, LAAS, University of Toulouse, France), Erling Matthiesen Møller, Jakob Gulddahl Rasmussen (CTIF, Aalborg University, Denmark), Hans-Peter Schwefel (FTW, Vienna, Austria)

#### **Urbisim: A Framework for Simulation of Ad Hoc Networks in Realistic Urban Environment,**

Guillaume-Jean Herbie, Pascal Bouvry (Université du Luxembourg, FSTC – CSC, Luxembourg)

#### **ITS forecast: GIS Integration with Active Sensory System,**

Arturo Gómez, Gladys Diaz, Khaled Boussetta (L2TI, University of Paris 13, France)

### **Friday, June 26, 2009 - 02:00PM - 05:30PM**

#### **Technical Session 2: Routing, Mobility and Applications**

**Chair :** Dr. Djamel Khadraoui, CRP H. Tudor. - Luxembourg

#### **Improvement of DSR Performances in Mobile Ad hoc Networks with Tradeoff between Energy Efficiency and Path Shortness,**

Benamar Bouyeddou (STIC Laboratory, Abou Bekr Belkaid university, Tlemcen, Algeria), Houda Labiod (Telecom ParisTech, France), Fedoua Didi, Mohammed Feham (STIC Laboratory, Abou Bekr Belkaid university, Tlemcen, Algeria)

#### **Impact of Topology on the Performance of Wireless Mesh Network Routing Protocols,**

Hajer Gahbiche, Aref Meddeb, Habib Youssef (PRINCE, Higher Institute of Computer Science and Communication Techniques, Hammem Sousse, Sousse, Tunisia)

#### **Hybrid Algorithm for Solving a Multimodal Transport Problems using a Transfer Graph Model,**

Ayed Hedi (University Paul Verlaine of Metz, France & CRP Henri Tudor, Luxembourg), Zineb Habbas, Carlos Galvez-Fernandez (University Paul Verlaine of Metz, France), Djamel Khadraoui (CRP Henri Tudor, Luxembourg)

#### **Self-Organization in Wireless Networks using The Autonomic Behavior,**

Anis Benarbia, Habib Ben yousef (Prince Research Unit H, Sousse, Tunisia)

#### **Enhanced Chord-based P2P approach for Semantic Web Service discovery**

Asma Adala, Nabil Tabbane (MEDIATRON, Sup'Com, Tunis, Tunisia)

