



Second WIRELESS DAYS CONFERENCE 2009

Paris, France, December 15 - 17, 2009

<http://www.wireless-days.org/>



Conference Co-chairs: Guy Pujolle, Nadjib Achir and Khaled Boussetta

Sponsoring: IFIP, IEEE

Wireless Days Conference is a major international conference which aims to bring together researchers, technologists and visionaries from Academia, research labs and industry, engineers and students to exchange, discuss and share their experiences, ideas and research about theoretical and practical aspects of wireless networking. The conference will include presentations of theoretical and experimental achievements, innovative wireless systems, prototyping efforts, case studies and advances in technology related to wireless networking and communications infrastructures. Wireless Days Conference program will include the following four conference tracks:

Track 1: Ad Hoc and Sensor Networks	Track 2: Broadband Wireless	Track 3: Wireless Multimedia	Track 4: Third International Home Networking Conference
Program co-chairs: Nadjib Achir and Khaled Boussetta, Univ. Paris 13, France	Program co-chairs: Sami Tabbane, Sup'Com, Tunisia Llorenç Cerdà-Alabern, Universitat Politècnica de Catalunya, Spain	Program co-chairs: Madjid Merabti and David Llewellyn-Jones, Liverpool John Moores University, UK.	Program chair: Stefano Galli, Panasonic R&D Company of America, USA
<ul style="list-style-type: none"> ▪ Unicast and multicast routing ▪ MAC protocols and scheduling ▪ Radio resource sharing in wireless networks ▪ Protocols and mechanisms for QoS support ▪ Self-organization and network reconfiguration ▪ Security in MANET and WSN ▪ Fault tolerance and error recovery ▪ Energy-efficient communications ▪ Multimedia applications ▪ Middleware ▪ P2P and overlay networks over MANET ▪ Vehicular Ad-Hoc Networks ▪ UnderWater Sensor Networks ▪ Modeling and optimization ▪ Algorithmic challenges in wireless networks ▪ Implementations, testbeds, and prototypes 	<ul style="list-style-type: none"> ▪ Broadband wireless technology HSDPA, HSUPA, LTE, WiMAX, WiRAN ▪ Broadband wireless network services and applications ▪ Service-oriented wireless mesh network architecture ▪ Radio resource management ▪ Scheduling and queuing ▪ Quality of service ▪ Capacity planning and dimensioning ▪ New network architecture and operation ▪ Cross-layer modeling and design ▪ Cross-layer approaches for service-oriented broadband wireless networks ▪ QoS provision through interconnected wired and wireless segments ▪ Routing for service-oriented wireless networks ▪ Heterogeneity and diversity ▪ Relay, cooperative and mesh networking ▪ Vertical, horizontal and diagonal handover ▪ Spectrum management ▪ Cognitive radio ▪ Mobility and multihoming ▪ Interference control ▪ Pricing ▪ Experiments, measurements and testbeds 	<ul style="list-style-type: none"> ▪ Wireless multimedia internetworking ▪ Wireless multimedia broadcast/multicast ▪ Ultra-wideband networking ▪ Multimedia coding and compression ▪ Portable multimedia device applications ▪ Multimedia and real-time streaming ▪ 3D streaming ▪ Networked appliances and distributed multimedia services ▪ Wireless multimedia security ▪ Infrastructure multimedia broadcasting ▪ Quality-of-service in wireless multimedia networks ▪ Wireless virtual environments and networked games ▪ Multimedia wireless networking protocols ▪ Multimedia in Ubicomp environments ▪ Multimedia sharing and social networking ▪ Performance measurement in wireless multimedia networks ▪ Cross-layer design for multimedia applications ▪ P2P Multimedia Networks ▪ Voice over IP and IPTV 	<ul style="list-style-type: none"> ▪ Home Network and energy efficiency applications (Smart Grid) ▪ Wireless networks (Wi-Fi, UWB, ZigBee, 6LowPAN) ▪ Home Networking Routing Protocols ▪ PLC (HomePlug, OPERA, UPA, CEPCA, IEEE, HD-PLC Alliance) ▪ PLC QoS Management ▪ “Anywire” Communications (ITU-T G.hn) ▪ DLNA, UPnP, Rally, etc. ▪ Internet-Box, set-top-box, bridge, gateway, etc. ▪ Access Networks (ADSL, VDSL, optical, etc) ▪ Home Gateway ▪ DSL Forum, HGI, Home DVB ▪ Vertical handover ▪ Wireless QoS Management ▪ Home Network Security ▪ Ambient intelligence ▪ Autonomic Home Networking ▪ New Home Applications ▪ Performance & Experiment

Steering committee

- Khaldoun Al-Agha, University Paris 11, France
- Ian F. Akyildiz, Georgia Institute of Technology, USA
- Boutaba Raouf, University of Waterloo
- Tijani Chahed, TELECOM & Management SudParis, France
- Pedro Cuenca, Universidad de Castilla-la-Mancha, Spain
- Luigi Fratta, Politecnico di Milano, Italy
- Mario Gerla, University of California at Los Angeles, USA
- Ulf Körner, Lund University, Sweden

IMPORTANT DATES

Extended deadline: August 16, 2009
 Notification of acceptance: **October 4, 2009**
 Camera-ready version: **October 15, 2009**