

European Wireless 2009

Call for papers

Aalborg, Denmark, May 17-20, 2009

The 15th European Wireless Conference will be jointly organized by Aalborg University (AAU), Denmark and by VTT, Finland, and will take place in Aalborg, from May 17 to 20, 2009. The scope of the EW09 conference is to bring together a highly qualified group of people with interest in wireless and mobile networks to relax with old friends, and make new contacts. Besides the technical insights, the conference will encourage the participants to discuss among each other. The conference is seeking papers for oral presentations and poster sessions. Furthermore a call for tutorials and panels is launched too. Technical papers describing original, previously unpublished research results are solicited. Specific topics of interest include, but are not limited to, the following conference topics.

Transmission Techniques and Signal Processing

- Modulation and Coding for Wireless Communications
- Signal Processing for Wireless Communications
- Synchronization, Channel Estimation, Equalization
- Iterative Detection and Processing
- MIMO Systems, Space-Time Coding, Diversity
- Fundamental Limits, Information Theory
- Multiple Access Schemes, Multiuser Detection Algorithms
- Interference Mitigation and Management Techniques
- Network Coding and Cooperative Diversity and Processing
- Adaptive Systems
- OFDM and OFDMA

Radio Network Aspects

- Ad-hoc Wireless Networks
- Transport Layer Issues in Mobile and Wireless Networks
- Cross-layer Issues
- Protocols and Architecture for Wireless Networks
- Radio Resource Management
- Mobility Management and Billing Technologies
- QoS and Resource Allocation in Mobile Networks
- Security and Robustness in Wireless Networks
- Mobile/Wireless Networks Modeling and Simulation

Paper submission

Papers need to be uploaded to the EDAS system. Papers should be in English, not exceeding 5 double-column pages (a maximum of one page overlength is allowed which will be charged for), and should follow IEEE paper templates. Accepted papers will be published in the IEEE Xplore. They will be presented either orally or by means of a poster. Unless specifically requested by the submitting author, the decision on accepting a paper in poster format is up to the respective track chairs.

Important Dates

Submission deadline: **31 January 2009**

Acceptance notification: 15 April 2009

Camera ready: 1 May 2009

Keynote Speakers

Gerhard Fettweis (Univ. of Dresden, Germany)
Jean-Pierre Hubaux (EPFL, Switzerland)
Muriel Medard (MIT, US)
Dominic O'Brien (University of Oxford, UK)
Vahid Tarokh (Harvard, US)
Jens Zander (KTH, Sweden)

Committees

Conference General Chair

Frank H.P. Fitzek (Aalborg University, Denmark)
Marcos Katz (VTT, Finland)

Executive Committee

Bernhard Walke (RWTH Aachen, Germany)
Luis Correia (IST Lisbon, Portugal)
Torben Larsen (Aalborg University, Denmark)

TPC Chair

Leonardo Badia (IMT Lucca Institute for Advanced Studies, Italy)

Tutorials Chair

Christian Bettstetter (University of Klagenfurt and Lakeside Labs GmbH, Austria)

VDE ITG Liaison

Volker Schanz (VDE ITG, Germany)

TPC members

Wessam Ajib (Universite de Quebec, Canada)
Angeliki Alexiou (Bell Labs, Alcatel-Lucent, UK)
Andrea Baccioccola (Nokia Research, Finland)
Leonardo Badia (IMT Lucca, Italy)
Christian Bettstetter (Univ. of Klagenfurt, Austria)
Thomas Bohnert (SAP Research, Switzerland)
Timo Brassy (CWC, Finland)
Alister Burr (University of York, UK)
Chan-Byoung Chae (Univ. of Texas, Austin, US)
Periklis Chatzimisios (Univ. of Macedonia, Greece)
Tao Chen (VTT, Finland)
Luis Correia (IST - Tech. Univ. Lisbon, Portugal)
Mischa Dohler (CTTC, Spain)
Christos Douligieris (University of Piraeus, Greece)
John Dunlop (University of Strathclyde, UK)
Joerg Eberspaecher (TUM, Germany)
Robert Edwards (Loughborough University, UK)
Peter Farkas (Slovak Univ. Technology, Slovakia)
Frank Fitzek (Aalborg University, Denmark)
Gabor Fodor (Ericsson Research, Sweden)
James Gross (RWTH Aachen Univ., Germany)
Jyrki Huusko (VTT, Finland)
Jari Iinatti (University of Oulu, Finland)
Kimmo Kansanen (Norwegian University of Science and Technology, Norway)
Marcos Katz (VTT, Finland)
Konosuke Kawashima (Tokyo Univ. of Agriculture and Technology, Japan)
Geng-Sheng Kuo (Nat. Chengchi Univ., Taiwan)
Torben Larsen (Aalborg University, Denmark)
Frank Li (University of Agder, Norway)
Yonghui Li (University of Sydney, Australia)
Pavel Loskot (Swansea University, UK)
Yves Louet (SUPELEC-Rennes Campus, France)

Radio Channel and RF Subsystem

- Radio Channel Measurements
- Radio Channel Modeling
- Antenna Issues in Wireless Communications
- Smart Antennas and MIMO systems
- Compact Antennas for Mobile Terminals
- Modeling and Mitigation of RF System Imperfections

Radio Communication Systems and Technology

- Ultra-Wideband Communications
- Software Radio & Re-configurability, Cognitive Radio
- Cross-layer Design in Mobile and Wireless Networks
- Power Management for Small Terminals
- 2G - 3G - 4G Migration, Convergence and Interworking
- WiFi, WiMAX, 3GPP LTE
- Wireless LAN/PAN/BAN
- Location-based Services and Positioning
- High Altitude Platforms and Satellites
- Wireless Broadband Mobile Access
- RFID
- Cooperative Techniques
- Experimental Systems
- Cognitive Radio and Networks
- Sensor Networks Technologies and Protocols
- Mobile Social Networks

David Love (Purdue University, US)
Marco Luise (University of Pisa, Italy)
Garegin Markarian (Lancaster University, UK)
David Matolak (Ohio University, US)
Dominic O'Brien (Oxford University, UK)
Claude Oestges (Univ. catholique Louvain, Belgium)
Geir Oien (NTNU, Norway)
Dirk Pesch (Cork Institute of Technology, Eire)
Ramesh Pyndiah (TELECOM Bretagne, France)
Michele Rossi (University of Padova, Italy)
Angelos Rouskas (Univ. of the Aegean, Greece)
Joachim Sachs (Ericsson Res., Aachen, Germany)
Oriol Sallent (Univ. Politècnica de Catalunya, Spain)
Robert Schober (Univ. of British Columbia, Canada)
Patrick Seeling (Univ. Wisconsin-Stevens Point, US)
Isabelle Siald (France Telecom R&D, France)
Alain Sibille (ENSTA, France)
Umberto Spagnolini (Politecnico di Milano, Italy)
Jan Sykora (Czech Tech. Univ. in Prague, Czech Rep.)
Hwee Pink Tan (Inst. Infocomm Research, Singapore)
Chintha Tellambura (University of Alberta, Canada)
Michel Terré (CNAM, France)
Yoshito Tobe (Tokyo Denki University, Japan)
Oktay Ureten (CRC Canada, Canada)
Murat Uysal (University of Waterloo, Canada)
Emmanuel Van Lil (Kath. Univ. Leuven, Belgium)
Dimitrios D. Vergados (University of Piraeus, Greece)
Bernhard Walke (RWTH Aachen University, Germany)
Krzysztof Wesolowski (Poznan Univ. Techn., Poland)
Joerg Widmer (DoCoMo Euro-Labs, Germany)
Alexander Wyglinski (Worcester Polytech. Inst., US)
Qi Zhang (Technical University of Denmark, Denmark)
Fu-Chun Zheng (The University of Reading, UK)
Michele Zorzi (Università degli Studi di Padova, Italy)