

WWIC 2007

Call for Papers

May 23-25 2007
Coimbra, Portugal



WWIC 2007 – 5th International Conference on Wired / Wireless Internet Communications

Next generation mobile networks will be based on Internet core networks and wireless access networks. The need for efficient merging of the wired and wireless infrastructure as well as the new multimedia services and applications of next generation networks call for novel network architectures, protocols and traffic-related mechanisms. WWIC addresses research topics such as the design and evaluation of protocols, the dynamics of the integration, the performance tradeoffs, the need for new performance metrics, and cross-layer interactions.

The goal of the conference is to present high-quality results in the field, and to provide a framework for research collaboration through focused discussions that will designate future research efforts and directions. In this context, the program committee will accept only a limited number of papers that meet the criteria of originality, presentation quality and topic relevance.

Conference topics:

The conference objectives will be pursued through highly technical sessions organized thematically and keynote talks offered by recognized experts. Topics of interest to WWIC 2007 include (but are not limited to) the following:

AAA in mobile environments
Ambient networks
Ad-hoc mobile networks
Blended network configurations
Beyond 3G networks technologies
Cross layer interactions
Economic issues of wireless networks
End-to-end Quality of Service support
Handover techniques
Heterogeneous wireless access networks
Hybrid wired / wireless environments

Integration of wired and wireless networks
Mobile service level agreements / specification
Mobility management
Network design and network planning
Network mobility
Network coding in mobile networks
Network security in mobile environments
Performance evaluation of wireless systems
Pricing, charging and accounting in wireless networks
QoS routing in mobile networks
QoS signalling in mobile environments

Resource management and admission control
Service creation and management for wireless
Simulation for next generation mobile networks
Traffic characterisation and modelling
Traffic engineering
Transport protocols and congestion control
Wireless mesh networks
Wireless multi-hop networks
Wireless multimedia systems
Wireless network monitoring
Wireless sensor networks

Proceedings:

The authors are encouraged to submit full papers describing original, previously unpublished, complete research, not currently under review by another conference or journal, addressing state-of-the-art research and development in all areas of computer networking and data communications.

All papers will be reviewed and accepted papers will appear in the conference proceedings, published by Springer-Verlag in the **LNCS series**. Papers must be submitted electronically in the conference site. The maximum size of papers should be 5000 words including tables and figures. Please adhere to the formatting standard for a 12-page **manuscript** of Springer-Verlag LNCS. The cover page must contain an abstract of about 150 words, 3-5 keywords, name and affiliation of author(s) as well as the corresponding author's e-mail and postal address.

There will be a **Best Paper Award** for the best submitted paper and a number of **Student Travel Grants** sponsored by project COST 290.

Committees:

General Chairs

Edmundo Monteiro, University of Coimbra, Portugal
Yevgeni Koucheryavy, TUT, Finland

Steering Committee:

Torsten Braun, University of Bern, Switzerland
Georg Carle, University of Tübingen, Germany
Giovanni Giambene, University of Siena, Italy

Program Committee:

Rui Aguiar, University of Aveiro, Portugal
Bengt Ahlgren, SICS, Sweden
Ozgur B. Akan, Middle East Technical University, Turkey
Khalid Al-Begain, University of Glamorgan, UK
Chadi Barakat, INRIA, France
Carlos Bernardos, Univ. Carlos III de Madrid, Spain
Bharat Bhargava, Purdue University, USA
Fernando Boavida, University of Coimbra, Portugal
Torsten Braun, University of Bern, Switzerland
Wojciech Burakowski, Warsaw Univ. of Tech., Poland
Maria Calderon, University Carlos III de Madrid, Spain
Georg Carle, University of Tübingen, Germany
Hermann de Meer, University of Passau, Germany
Ruy de Oliveira, CEFET-MT, Brazil
Michel Diaz, LAAS-CNRS, France
Sonia Fahmy, Purdue University, USA
Giovanni Giambene, University of Siena, Italy
Geert Heijenk, University of Twente, The Netherlands
Marc Heissenbüttel, Swisscom Mobile, Switzerland

TPC Chairs:

Fernando Boavida, University of Coimbra, Portugal
Saverio Mascolo, Polytechnic of Bari, Italy

Yevgeni Koucheryavy, TUT, Finland
Peter Langendoerfer, IHP Microelectronics, Germany
Ibrahim Matta, Boston University, USA

Markus Hofmann, Columbia University, USA
Andreas Kassar, Karlstads University, Sweden
Ibrahim Khalil, RMIT University, Australia
Daniel Kofman, ENST, France
Yevgeni Koucheryavy, Tampere Univ. of Tech., Finland
Rolf Kraemer, IHP Microelectronics, Germany
Peter Langendoerfer, IHP Microelectronics, Germany
Remco Lijens, TNO, The Netherlands
Pascal Lorenz, University of Haute Alsace, France
Christian Maihöfer, DaimlerChrysler, Germany
Saverio Mascolo, Politecnico di Bari, Italy
Paulo Mendes, DoCoMo Euro-Labs, Germany
Ingrid Moerman, Ghent University, Belgium
Dmitri Moltchanov, Tampere Univ. of Technology, Finland
Edmundo Monteiro, University of Coimbra, Portugal
Liam Murphy, University College Dublin, Ireland
Marc Necker, University of Stuttgart, Germany
Guevara Noubir, Northeastern University, USA
Philippe Owezarski, LAAS-CNRS, France
George Pavlou, University of Surrey, UK
George Polyzos, AUEB, Greece

Local Organizing Committee:

Fernando Velez, Univ. of Beira Interior, Portugal
Jorge Sá Silva, Paulo Simões, Marília Curado, UC, PT

Vassilis Tsaoussidis, Demokritos University, Greece
Nitin Vaidya, University of Illinois, USA

Utz Roedig, University of Lancaster, UK
Alexandre Santos, University of Minho, Portugal
Jochen Schiller, Free University Berlin, Germany
Andrew Scott, Lancaster University, UK
Patrick Sénac, ENSICA, France
Dimitrios Serpanos, University of Patras, Greece
Jorge Silva, University of Coimbra, Portugal
Vasilios Siris, University of Crete / ICS-FORTH, Greece
Dirk Staehle, University of Würzburg, Germany
Burkhard Stiller, Univ. of Zurich / ETH Zurich, Switzerland
Ivan Stojmenovic, University of Ottawa, Canada
Phuoc Tran-Gia, University of Würzburg, Germany
Vassilis Tsaoussidis, Demokritos University, Greece
J.L. van den Berg, TNO / University of Twente, NL
Fernando Velez, University of Beira Interior, Portugal
Giorgio Ventre, University of Napoli, Italy
Thiemo Voigt, SICS, Sweden
Miki Yamamoto, Kansai University, Japan
Chi Zhang, Florida International University, USA
Martina Zitterbart, University of Karlsruhe, Germany

Important dates:

Submission deadline: December 8, 2006

Notification of acceptance: February 19, 2007

Camera ready papers: February 28, 2007

For more information please see the conference site wwic2007.dei.uc.pt or contact the Conference Secretariat at wwic2007@dei.uc.pt.

Organized by:

Sponsored by:

Collaboration of:



University of Coimbra

