WWIC 2011

June 15-17, 2011
Vilanova i la Geltrú, Barcelona, Spain
http://www.craax.upc.edu/wwic11

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June 15-17, Vilanova i la Geltrú

9th International Conference on Wired/Wireless Internet Communications

CALL FOR PAPERS

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, merging and assembling different network technologies features. 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. WWIC is a single-track conference which has reached, within 8 years, the highest level of quality, which is reflected both in the level of participation as well as the acceptance ratio and the amount and quality of submitted papers.

Accepted papers will appear in the conference proceedings published by Springer in the Lecture Notes of Computer Science (LNCS) Series. Extended versions of conference selected papers will be considered for publication in an special issue of an international journal.

Following the conference tradition there will also be a Best Paper Award.

Topics of interest:

AAA in mobile environments	Mobile service level agreements/spec.	Traffic characterization and modeling
Ambient networks	Mobility management	Traffic engineering
Ad-hoc mobile networks	Network design and network planning	Transport protocols and congestion control
Blended network configurations	Network mobility	Wireless mesh networks
Beyond 3G networks technologies	Network coding in mobile networks	Wireless multi-hop networks
Cross layer interactions	Network security in mobile environments	Wireless multimedia systems
Economical issues of wireless networks	Performance evaluation of wireless systems	Wireless network monitoring
End-to-end Quality of Service support	Pricing, charging and accounting in wireless net.	Wireless sensor networks
Handover techniques	QoS routing in mobile networks	Optical/Wireless integration
Heterogeneous wireless access networks	QoS signalling in mobile environments	Space internetworking
Hybrid wired / wireless environments	Resource management and admission control	Delay/disruptive tolerant networking
Interaction wireless/optical networks	Service creation and management for wireless	Vehicular networks
Integration of wired and wireless networks	Simulation for next generation mobile networks	

Important Dates

Full paper due :	January 20, 2011
Notification of acceptance:	March 4, 2011
Final version due:	March 25, 2011

Component events

WWIC Conference Sessions	June 15-17, 2011
5th ERCIM eMobilityWorkshop	June 14, 2011
4th IntelliCIS Workshop	June 13-14, 2011

General Chairs:

Xavier Masip-Bruin, *Universitat Politècnica de Catalunya, Spain*
Dominique Verchere, *Alcatel Lucent Bell Labs, France*

Technical Program Committee Chairs:

Vassilis Tsaoussidis, *Democritus University of Thrace, Greece*
Marcelo Yannuzzi, *Universitat Politècnica de Catalunya, Spain*

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