

WWIC 2007

Call for Participation

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	Integration of wired and wireless networks	Resource management and admission control
Ambient networks	Mobile service level agreements / specification	Service creation and management for wireless
Ad-hoc mobile networks	Mobility management	Simulation for next generation mobile networks
Blended network configurations	Network design and network planning	Traffic characterisation and modelling
Beyond 3G networks technologies	Network mobility	Traffic engineering
Cross layer interactions	Network coding in mobile networks	Transport protocols and congestion control
Economical issues of wireless networks	Network security in mobile environments	Wireless mesh networks
End-to-end Quality of Service support	Performance evaluation of wireless systems	Wireless multi-hop networks
Handover techniques	Pricing, charging and accounting in wireless networks	Wireless multimedia systems
Heterogeneous wireless access networks	QoS routing in mobile networks	Wireless network monitoring
Hybrid wired / wireless environments	QoS signalling in mobile environments	Wireless sensor networks

Conference programme:

The conference **proceedings** will include high quality, peer reviewed papers describing original, previously unpublished, addressing state-of-the-art research and development in all areas of computer networking and data communications. Conference proceedings will be published by Springer-Verlag in the **LNCS series**.

The conference programme will include **two keynote** presentations by Professors Henning Schulzrinne and Nitin Vaidya, three day conference programme with twelve single paper presentation sessions, addressing the conference topics. The two days before the conference will be dedicated to **workshops** and project **meetings**, including the **COST 290** Management Committee meeting, the **ERCIM e-Mobility** Workshop and the **WEIRD IST FP6 Project** Workshop.

The conference **banquet** will take place in the **Palace Hotel do Bussaco**, a remarkable Portuguese hotel located in the heart of a natural woodland reserve in Bussaco, near Coimbra. This exquisite hotel is a superb representation of The Portuguese 'Manueline' style of period architecture.

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

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

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