



Call for Papers

7th Workshop on Positioning, Navigation and Communication 2010 (WPNC'10)

Location: Dresden, Germany

March 11, 2010

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Scope

Accurate location and tracking information anywhere anytime is becoming as important as communication anywhere, anytime. Although mobile position-aware systems, combined with modern wireless technologies are entering our daily life, several problems in information and communication technology still need to be solved. The workshop is devoted to recent advances in positioning, navigation and communications, as well the current state-of-the-art in techniques and systems. In addition contributions from the EU FP7 projects EUWB and WHERE are included in the workshop, to provide an insight on UWB-Localization technology in industrial applications.

Topics

Authors are invited to submit papers presenting scientific work or practical implementations addressing, but not limited to the following topics:

Positioning

Radio based Positioning Systems
Indoor-Positioning Technologies

Hybrid Approaches including Radio
Positioning Algorithms

Navigation

Pedestrian Navigation

Vehicle and Robot Navigation

EUWB

UWB in Public Transportation
UWB in the Automotive Environment

UWB in the Home Entertainment
UWB in Heterogeneous Networks

WHERE

Positioning Techniques

Location-Aided Communications

Communication and Services

Location Based Services
Integrated Positioning & Communication

Application Scenarios

Ultra-Wideband

Positioning and Localization
Architectures, Systems, Protocols

Hybrid Positioning & Communication
Regulatory Issues, EMC/EMI

Submission Guidelines

Full-paper or poster submissions in the form of extended abstracts (max. 2 pages) or full papers (max. 10 pages) are requested electronically in PDF-format in English language until **December 1st, 2009**. Paper submission is handled only through the TrackChair system at <http://wpnc10.trackchair.com>.

Notification of Acceptance and Camera Ready

Authors of accepted articles will be notified on **February 15th, 2010** and required to deliver PDF-format Camera-Ready versions of accepted papers on **March 11th, 2010 (at the event)**. Only presented articles will be published in IEEEExplore.

Technical Exhibitions

Technical exhibitions addressing the workshop's scope are also welcome. For further details, please contact info@wpnc.net.

Publishing

The workshop proceedings will be published electronically in the IEEE Xplore database.

Important Dates

Submission of **Extended Abstracts/Full Papers** until: **December 1st, 2009**.

Notification of acceptance until: **February 15th, 2010**

Submission of **Camera Ready Manuscripts** until: **March 11th, 2010 (@ event)**