

Preliminary Invitation and Call for Papers

6th Workshop on Positioning, Navigation and Communication 2009 (WPNC'09)

Location: Leibniz University of Hannover, Germany

March 19, 2009

Technical Program Committee

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Scope

Mobile position-aware systems, combined with modern wireless technologies, are getting more and more important. When developing systems of this kind, problems in various fields of information and communication technology need to be solved. The workshop shall give an overview of state-of-the-art approaches and systems. As many technologies are available to deal with the variety of applications, we would like to continue to cover ultra-wideband technology as it is becoming of great importance in the area of positioning, navigation and communication. Moreover a track on the EUWB project is 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

Outdoor-Radio Systems
Indoor-Positioning

Hybrid Approaches

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

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 **Nov. 10, 2008**. Paper submission is handled only through the TrackChair system at <http://wpnc09.trackchair.com>. With acceptance, complete contributions of up to 10 pages are expected **until Feb. 1, 2009**.

Technical Exhibitions

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

Publishing

The workshop proceedings in book-form will be published in the series "Hannoversche Beiträge zur Nachrichtentechnik" by SHAKER publishing and electronically in the IEEE Xplore database.

Important Dates

Submission of **Extended Abstracts/Full Papers** until: **Nov. 10, 2008 (extended!!!)**
Notification of acceptance or denial until: **Dec. 15, 2008**
Submission of **Camera Ready Manuscripts** until: **Feb. 1, 2009**