

## Preliminary Invitation and Call for Papers

# 4<sup>th</sup> Workshop on Positioning, Navigation and Communication 2007 (WPNC'07)

Location: Leibniz University of Hannover, Germany

March 22, 2007, right after CeBIT'07

### Technical Program Committee

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### Important dates

- Submission of Extended Abstracts until: **Dec. 10, 2006**
- Notification of acceptance or denial until: **Jan. 08, 2007**
- Submission of Camera Ready Manuscripts until: **Feb. 16, 2007**

### 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.

### Topics

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

- **Positioning**
  - Outdoor-Radio Systems (terrestrial & satellite-based)
  - Indoor-Positioning
  - Hybrid Approaches
- **Navigation**
  - Pedestrian Navigation
  - Vehicle and Robot Navigation
- **Communication and Services**
  - Integrated Positioning and Communication
  - Location Based Services
  - Application Scenarios
- **Ultra-Wideband**
  - Positioning and Localization
  - Architectures, Systems, Protocols
  - Hybrid Positioning and 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 Dec. 10, 2006. Paper submission is handled only through the TrackChair system at <http://wpnc07.trackchair.com>. With acceptance, complete contributions of up to 10 pages are expected until Feb. 16, 2007.

### Publishing

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

In addition, an application to publish in the IEEE Xplore database has been filed.