

Call for Papers



PIMRC'05

The 16th Annual IEEE International Symposium on
Personal Indoor and Mobile Radio Communications



Maritim Congress Hotel, Berlin, Germany
September 11 – 14, 2005

Organized by



About PIMRC '05

PIMRC conference enjoys today wide respect and represents a new trend in international conferences, one which is well suited to the evolving global market. It is uniquely identified by the following features:

- Balance among academia, industry, and governmental organisations
- Truly international technical program endorsed by IEEE, IEE, and IEICE
- Flexible organisation tailored to the conference venue
- Personal touch and care by the area coordinators, executive committee members and a group of faithful individuals

The major reason for the success of the conference is the simplicity and practicality of the organization, which has created a productive and friendly environment with minimal administrative delays.

Call for Papers

You are invited to submit original papers addressing topics in all areas of wireless personal communications systems, networks, middleware and applications. Potential **topics** include, but are not limited to, the technical subject categories listed below:

1) Physical Layer

- Wireless propagation
- RF & BB technologies for handset
- MIMO techniques and smart adaptive antennas
- Antenna and RF subsystems
- Coding, modulation & equalization
- Software radio
- Multiple access techniques like spread spectrum techniques or OFDM
- Radio resource management
- Network protocols

2) Networks

- Novel network & switching architecture
- Satellite networks
- Ad-hoc networks
- Wireless IP
- Wireless LAN
- Wireless local loop
- Digital audio & video broadcasting
- Security & privacy

3) Middleware/ Applications

- Applications & Services
- Service and middleware platforms
- Pervasive computing and ambient intelligence
- Mobile multimedia
- GPS, Galileo & applications
- Experiments, trials & deployment

4) Systems

- Intelligent transportation system
- MT2000 (UMTS, CDMA2000, etc.)
beyond 3G, 4G and 5G systems

Abstracts and Manuscripts

An abstract that accurately reflects the content of each proposed technical paper must be received by the Program Committee **not later than February 28, 2005**. It must include all informations considered necessary by the authors to demonstrate the technical merit of the paper. Authors should submit full papers electronically using the on-line submission interface available at the conference web page. The papers should be in English, with not more than 5 double-column pages (3,000 words), converted to Adobe PDF format. Author contact information and the topic area of the paper should be included in the submission. Where multiple authors are involved, please indicate the corresponding author.

Conference Website: www.pimrc2005.de

For further questions: +49-69-6308-229 or vde-conferences@vde.com

Submission Guidelines and Final Paper

Manuscripts of accepted papers will be included in the conference proceedings that will be distributed at the conference and into the IEEE X-plore database. The length of each manuscript must not exceed five single-spaced, double column typewritten pages, tables and figures included. Abstracts, manuscripts, and oral presentations must be in English. Detailed instructions regarding manuscript formatting will be e-mailed to those authors whose papers have been accepted. Acceptance letters will be e-mailed to the authors by May 6, 2005. The accepted manuscripts are **due no later than May 30, 2005**.

Accepted papers will be included in the conference digest only after the presenting author has registered for the conference and payment has been received at the conference secretariat. The registration fee will be approx. 600,- Euros. Papers will not be accepted if they include commercial advertising or product endorsements.

Important Dates

Submission of full papers:	February 28, 2005
Acceptance notice:	May 6, 2005
Final manuscript due:	May 30, 2005

Technical Programme Co-Chairs

Klaus David University of Kassel, Germany
Martin Haardt Ilmenau University of Technology, Germany
Bernhard Walke RWTH Aachen University, Germany

Vice-Chairs and Area Coordinators

Europe Hamid Aghvami, King's College London, UK
Americas Kaveh Pahlavan, Worcester Polytechnic Institute, USA
Asia Pacific Shuzo Kato, Omni Wireless, USA

Conference City

PIMRC '05 for the first time takes place in Berlin, the old and new capital, a four million people meeting place of the East and the West in the center of Europe. Berlin is a city in transition, one that is not always easy to understand, and which is often quite difficult to describe. However, no other city in Germany reflects the historical events of the last few years and even for the last century to the extent Berlin does. More information may be taken from www.berlin.de/english/

Conference Venue

Close to the river Spree in the middle of Berlin, the new "Maritim Congress Hotel" is located just a few minutes walking distance from famous places such as Potsdamer Platz, Humboldt University, Gendarmenmarkt, Reichstag (German Parliament) or Brandenburger Tor. For more details see www.maritim.de

Conference Secretariat

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