

Call for Papers

The **International ITG / IEEE Workshop on Smart Antennas WSA 2007** provides a forum for presentation of the most recent research on smart antennas. The objective is to continue, accelerate, and broaden the momentum already gained with a series of ITG Workshops held since 1996: Munich and Zurich'96, Vienna and Kaiserslautern'97, Karlsruhe'98, Stuttgart'99, Ilmenau'01, Munich'04, Duisburg'05, and Ulm'06. This call for papers intends to solicit contributions on latest research of this key technology for wireless communications systems. Workshop topics include, but are not limited to:

- ◆ Antennas for beamforming and diversity
- ◆ Channel measurements
- ◆ Spatial channel modelling
- ◆ Beamforming
- ◆ Diversity concepts
- ◆ Space-time processing
- ◆ Space-time codes
- ◆ MIMO Systems
- ◆ Multicarrier MIMO
- ◆ Multiuser MIMO
- ◆ Cooperative and sensor networks
- ◆ Crosslayer optimisation
- ◆ Radio resource management
- ◆ Cellular systems
- ◆ Link, system and network level simulations
- ◆ Hard- and software implementation issues

There will be oral as well as poster presentations.

The workshop will be jointly organized by the Institute of Communications and Radio Frequency at Vienna University of Technology and the ftw. Telecommunications Research Center Vienna in cooperation with VDE/ITG, OVE/GIT and the IEEE on February 26-27, 2007 at TechGate in Vienna, Austria.

Deadlines

Abstract
(max. 2 pages A4) **24 Nov. 2006**

Notification of Acceptance **12 Jan. 2007**

Full Paper
(max. 8 pages A4) **9 Feb. 2007**

Abstracts should include the title of the paper, names of all authors, full address details, e-mail address and telephone number, and indicate the workshop topic. They should be submitted electronically (PDF document) as described on the workshop web page (see below).

Organizers and Workshop Chairs

Prof. Dr.-Ing. Markus Rupp,
E-Mail: mrupp@nt.tuwien.ac.at
Dr.-Ing. Christoph Mecklenbräuker,
E-Mail: cfm@ftw.at

Information about the workshop can soon be found at: <http://www.ftw.at/>

TechGate Vienna

TechGate Vienna is located on the approach to the Reichsbrücke and the Donauufer Motorway (A22) offering an easy link to Vienna's highways. Vienna International Airport is reachable in 20 minutes and the historical city centre in 8 minutes by underground line U1. The Danube with its recreational area is just a few minutes walking distance away.

I am interested in the ITG Workshop on Smart Antennas, February 26-27, 2007 Tech Gate Vienna / Vienna, Austria.

Please mail the final program

Please mail information about ITG.

Address:

Please mail this form to:

ITG im VDE, Stressemannallee 1, 60596 Frankfurt, Fax: +49-69-9631-5233

The ITG – An Outline

The Information Technology Society within the VDE (ITG) was founded in 1954 by the VDE. Its main tasks are to promote the research, development and application of information technology, to initiate the exchange of knowledge between universities, manufacturers and users of information technology, to protect the professional interests of the engineers and scientists who work with information technology and to provide a public discussion forum for these technologies.

The ITG's work covers the technical-scientific field of development and production and the transfer of technology knowledge – a role which is increasing in importance and relevance. The society's ambit includes monitoring education, training and the job market and public relations work. It organises international and national conferences, seminars and workshops. ITG publishes and edits the „Nachrichtentechnische Zeitschrift“ and, in conjunction with the GMM, the technical journal F+M Mechatronik, and presents awards for scientific achievements and outstanding publications. ITG currently has 12,000 members. The specialised activities are carried out in 9 specialist divisions with about 40 technical committees and 60 workgroups.

The specialist fields are:

- ◆ Information Society and Focus Projects
- ◆ Services and Applications
- ◆ Television, Movies and Electronic Media
- ◆ Audio Communication
- ◆ Communication Systems
- ◆ Technical Informatics
- ◆ High Frequency Technologies
- ◆ Microelectronics
- ◆ Shared Concepts and Components

Technical Program Committee

Workshop Chairs

Christoph Mecklenbräuer
Markus Rupp

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