

„Wireless Communication and Applications“

In recent years wireless communication has gained increasing importance. Mobile communication is becoming more and more part of our information culture. Besides classic analogue techniques like radio and TV, which are now migrating into digital techniques, there are already 3 generations of mobile phone networks and additional wireless interactive services. Wireless techniques are migrating into all IT areas and will open up extraordinary and relevant applications in technical and economic fields. Bluetooth, WLAN, GPS, UMTS are some key system features for mobile devices to communicate wirelessly.

Inspired by this scientific, economic and socially significant trend we will discuss in this symposium application-oriented aspects, networked mobile systems and exchange new ideas.

These new and future techniques and their prospective possibilities will be presented at this symposium to users and developers. To these future and present-day users we count experts from local industry as well as students at our university.

The aim of this symposium will be to present state of the art techniques and future developments in wireless communications as well as to inform participants about already established and planned developments. Both, traditional solutions and new paradigms will be considered. Going beyond the actual presentations, the material will be customised for an extended group of participants and made available via web sites. The talks will be held in English, since international speakers and participants are expected.



FHTW

Alcatel SEL
Stiftung für
Kommunikations-
forschung

Wireless Communication and Applications

Friday 15th October 2004, FHTW Berlin, Treskowallee 8



Kompetenzzentrum
„Media, Netze und Mobile Computing“

Program Friday 15th October 2004 (all presentations in room 501 of the Administration Building)

- 10:00 – 10:30 Welcome Address**
Vice President FHTW / Organisers
- 10:30 – 11:00 topic to be announced**
Prof. Dr. A. Wolisz TU Berlin
- 11:00 – 11:30 Quality of Service Aspects in a Wireless Network**
Prof. Dr. Guy, U Reading, UK
- 11:30 – 12:00 COFFEE BREAK**
- 12:00 – 12:30 Advanced Video Coding and its Application to Digital Extended Broadcasting**
Dr. R. Schäfer, HHI, Fraunhofer Institut Berlin
- 12:30 – 13:00 Deployment of the tm3 card (WLAN, UMTS, GPRS) for Employees in T-Mobile International**
Dr. M. Burak, T-mobile international
- 13:00 – 14:00 LUNCH**
- 14:00 – 14:20 PSSS Parallel Sequence Spread Spectrum:
A new technology for high speed wireless applications**
Dr. A. Wolf, Prof. Dr. H. Schwetlick, FHTW Berlin
- 14:20 – 14:40 Wireless Communication - Trends and Requirements from OEM Perspective**
B. Grohmann , Fa. Danfoss, Dänemark
- 14:40 – 15:00 Mobility in IPv6**
Prof. Dr. T.Schmidt, HAW, M. Wählich FHTW Berlin
- 15:00 – 15:20 COFFEE BREAK**
- 15:20 – 15:40 Information Systems for Mobile Devices**
Prof. Dr. J. Sieck, FHTW Berlin
- 15:40 – 16:00 Wireless Peer-to-Peer Video Conference Systems**
Dipl. Ing. M. Palkow, Daviko GmbH Berlin
- 16:00 – 16:20 Galileo - the new European Satellite System**
Dipl. Phys. H. Ehm, U Erlangen-Nürnberg
- 19:00 CONFERENCE DINNER**

Contact

FHTW Berlin,
Prof. Dr. habil. Hans L. Cycon
Prof. Dr. H. Schwetlick
Prof. Dr. J. Sieck

Treskowallee 8
10315 Berlin
Tel: 030/54699340
E-Mail: hcycon@fhtw-berlin.de

Location

FHTW Berlin
Room 501, Administration Building
Treskowallee 8
10315 Berlin

Public Transportation

U5 - Tierpark
Tram 26/27/28 - Treskowallee/Römerweg
Bus 296 - Treskowallee/Römerweg

