



General Chair:
Klaus Schilling
Germany

IASTED International Conference on *Telematics*

August 29 – 31, 2007 Würzburg, Germany

Keynote speakers:

Aarne Halme
Helsinki University of
Technology
Finland

Purpose: This conference will act as an international forum for researchers and practitioners interested in the advances in telematics and the broad range of its applications. Telematics combines methods from telecommunications, automation, and informatics to provide services at remote locations. The dramatic progress in modern telecommunication and information processing technologies at the beginning of the 21st century offers an enormous economic potential for tele-maintenance, tele-operations, and tele-monitoring. Applications include automation systems of industrial plants, traffic control systems, aerospace systems, tele-medicine, smart homes, tele-education, and distributed sensor networks.

Special Sessions:

Improvements in Biped and Humanoid Robotics

All papers submitted to this conference will be double blind reviewed. Acceptance will be based primarily on originality and contribution.

Telematics 2007 will be held in conjunction with the IASTED International Conferences on:

[Robotics and Applications \(RA 2007\)](#)

Outdoor Robotics - Taking Robots off road

Sponsors: The International Association of Science and Technology for Development (IASTED), Technical Committee on Telecommunications
In cooperation with Julius-Maximilians Universität Würzburg, Germany

Network Robotics

Topics covered by TA 2007 include, but are not limited to:

Control Technology
Remote Control
Distributed Control
Delayed Control
Predictive Control
Automation Systems
Traffic Control Systems
Sensor Networks
Smart Homes

Information Processing
Distributed Information Systems
Embedded Systems
Internet Techniques
Virtual Reality
Security Aspects

Communication Technology
General Packet Radio Services (GPRS)
Universal Mobile Telecommunications System (UMTS)
Global Positioning System (GPS)
Satellite Navigation Systems
Bandwidth Limitations
Quality of Service
Tele-Medicine
Tele-Education

IMPORTANT DEADLINES:

Submissions due (Extended):
May 15, 2007

E-mail: ta07@informatik.uni-wuerzburg.de

For paper submission please refer to the conference website:

Notification of acceptance:
June 8, 2007

<http://www.iasted.org/conferences/home-586.html>

Final manuscripts due:
June 22, 2007

Location: The university and congress city of Würzburg is located on the banks of the river "Main" in Franconia, northern Bavaria. Munich is reachable within 2.5 hours, Frankfurt and Rothenburg within one hour. Würzburg has many historical sights such as the Fortress Marienberg, whose origins date back to around 1000 B.C., and the Würzburg Residence. Renowned German architect Balthasar Neumann built this "palace of palaces" from 1719 to 1744. The Venetian artist Tiepolo painted the vast fresco on the ceiling above the famous staircase, thereby creating the largest painting in the world. Furthermore, Würzburg is the centre of the Franconian wine-growing region. Three of Germany's largest estates are located here. Franconian wine in the typical "Bocksbeutel" (bottle) may be tasted in numerous little taverns.

Registration deadline:
June 28, 2007