

## 8<sup>th</sup> International Conference and Workshop

# Ambient Intelligence and Embedded Systems

23 - 25 September, 2009

Madeira, Portugal

### TOPICS OF INTEREST

The conference will cover (but is not limited to) the following topics.

- Problems and solutions related to Ambient Intelligence
- Embedded Systems for Ambient Intelligence
- Ambient Intelligence Devices
- Applications of Ambient Intelligence
- Applications of Embedded Systems
- Microcontrollers
- Mobile Devices, Wireless Applications, Sensor Networks
- The Internet of Things
- Teaching Embedded Systems
- Software Engineering for Embedded System and Ambient Intelligence
- System Design and Architecture for Ambient Intelligence
- Java, Java Programming, Embedded Java
- Computer Vision, Machine learning, Artificial Intelligence
- Multi Agent Systems, Affective Computing
- Communication protocols for Ambient Intelligence
- Interfacing and interoperability
- Case Studies

### OFFICIAL LANGUAGE

The official language of the conference and workshop will be English.

### COORDINATION

Prof. Dr. Helmut Dispert  
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### ORGANIZING INSTITUTIONS

- Kiel University of Applied Sciences, Germany
- Vaasa University of Applied Sciences, Finland
- KHK - Katholieke Hogeschool Kempen, Belgium
- Technological Educational Institute of Crete, Greece
- Texas A&M University, U.S.A.
- Universidade da Madeira, Portugal
- Universidade de Aveiro, Portugal
- Universidade Estadual de Campinas (UNICAMP), Brazil

Website: <http://www.fh-kiel.de/amies-2009/>