

# AmIES-2011

# Ambient Intelligence and Embedded Systems

## 10<sup>th</sup> International Symposium

22 - 24 September, 2011  
Chania, Crete, Greece

### TOPICS OF INTEREST

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

- *Problems and solutions related to Ambient Intelligence (AmI) and Ubiquitous Systems*
- *Embedded Systems, Microcontrollers, Sensors and Actuators*
- *Ambient Intelligence Devices*
- *Applications of Ambient Intelligence and Embedded Systems*
- *Mobile Devices, Wireless Applications, Sensor Networks (WSNs), Near Field Communication (NFC), The Internet of Things*
- *Software Engineering for Embedded System and 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*
- *Teaching Embedded Systems*
- *Case Studies*

### ORGANIZING INSTITUTIONS

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

<http://www.fh-kiel.de/AMIES-2011>

**Symposium Venue**  
**TEI of Crete - Chania**

### COORDINATION

Helmut Dispert, Kiel University of Applied Sciences  
George Papadourakis, Technological Educational Institute of Crete