

# AmiEs-2010

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

## Ambient Intelligence and Embedded Systems

29 September - 1 October, 2010  
Geel, Belgium

Website:

<http://embedded.khk.be>



**KHK**

KATHOLIEKE  
HOGESCHOOL  
KEMPEN

 **FACHHOCHSCHULE KIEL**  
University of Applied Sciences

### 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

### ORGANIZING INSTITUTIONS

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

### COORDINATION

Helmut Dispert, Kiel University of Applied Sciences  
Luc Friant, KH Kempen University College

KH Kempen University College, Kleinhoefstraat 4, 2440 Geel Belgium