



FORTH-ICS Ambient Intelligence Programme

The Ambient Intelligence Programme (AMI) constitutes a platform for cooperative research towards developing and studying Aml-related technologies and assessing their impact on the individual, as well as society as a whole, the Programme also constitutes a unique showcase for demonstrating the potential, added-value and benefits of Aml technologies in different aspects of everyday life and activities. In this direction, the Aml Programme aims to realise a link for technology transfer and know-how dissemination to industrial actors.

Particular emphasis is given to the simulation and experimentation with several indoor and outdoor environments of key importance, taking into account related parameters ranging from domestic and rural environmental features, to distinctive cultural and societal traits. The Aml Programme seeks to develop multidisciplinary research and promote collaboration with other research and academic organisations around the world working in this area.

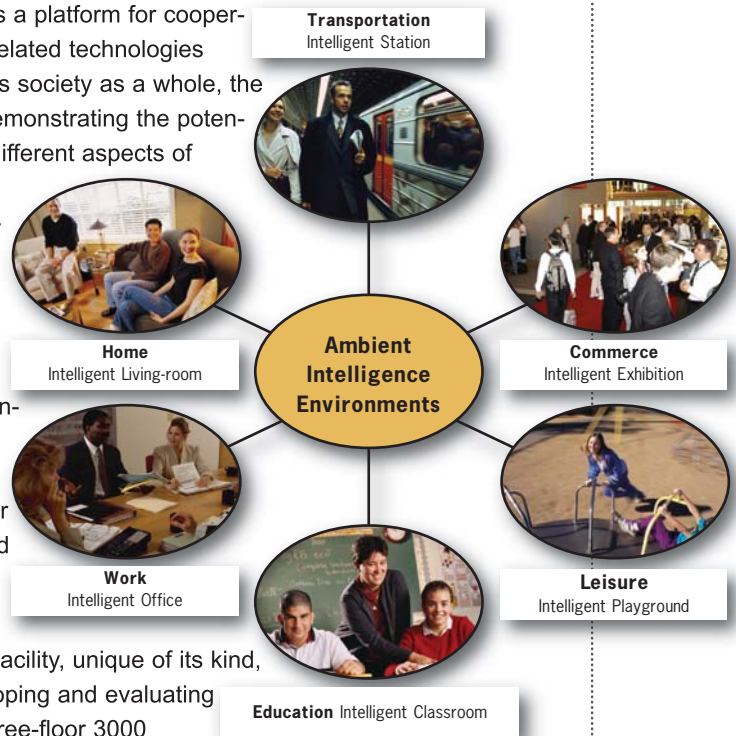
The Institute of Computer Science of FORTH is currently building a state-of-the-art Ambient Intelligence Facility, unique of its kind, which will act as a research nexus for studying, developing and evaluating Aml-related technologies. The Facility will occupy a three-floor 3000 square meters building, comprising simulated Aml-augmented environments and their support spaces (e.g., computer and observation rooms), laboratory spaces for developing and testing related technologies, staff offices and public spaces. It is intended to primarily address the application domains of housing, education, work, health, entertainment, commerce, culture and agriculture (e.g., gardening, farming).

The entire building has been designed to be accessible by people with disabilities, and follows Design for All guidelines concerning stairs, elevators, ramps, corridors width, accessible washroom facilities, multi-modal signs and labels, etc. In particular, the house simulator will constitute a prototype accessible house for disabled and elderly people. Additionally, the building design takes into account issues of easy orientation and navigation in the physical environment.

The construction of the Ambient Intelligence Facility is expected to be completed by December 2008.

Contact Person:

Constantine Stephanidis
Professor of Computer Science
Director of FORTH-ICS
Head of Ambient Intelligence Programme
cs@ics.forth.gr



AMI Facility- Key target application domains



FORTH-ICS Aml Facility

