

Workshop on

COGNITIVE SUPPORT TECHNOLOGY FOR OLDER PEOPLE

Goldsmiths, University of London
15th December 2010



ORGANISED JOINTLY BY THE EU FUNDED PROJECTS:



HERMES

OVERVIEW

The older population is growing rapidly throughout the world. Whilst many older people have no substantial health problems, the majority tend to have mild but progressive deterioration in their cognitive abilities. However, a growing body of scientific research indicates that cognitive training and stimulating activities can maintain cognitive function in older people for a longer period of time, helping them remain cognitively healthy.

GOALS

In this one-day workshop, we will explore the state of the art in cognitive support technology for older people. We will discuss how technology can help the elderly to preserve their quality of life, describing work which several research groups have done and are doing in the area of cognitive training and assisting technologies and outlining some of the challenges that lie ahead. The goal is to share best practice and to generate new conceptual frameworks for **how to advance, promote and spread assisting technology research for older people.**

TOPICS COVERED

- Universal access and assistive technology
- Inclusive design for older people
- Benefits of cognitive training systems in older adults
- Drivers and barriers to the adoption of ICT by older people
- Exploitation of cognitive support technology for older people

WORKSHOP EXIBITHIONS

The exhibition will showcase a range of innovative research and applications using interactive technologies.

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VITAL MIND PROJECT

The Vital Mind project use cognitive psychology, the television medium and advance interactive ICT to enable older adults to actively and autonomously participate in mind fitness activities while sitting in front of their TV set. The project supports the design of iTV-based applications to enhance cognitive training as well as develop innovative input devices, including non-verbal vocal interaction, gestural and pointing inputs. Delivery of the applications via USB Flash disk will be promoted in addition to broadcasting.

HERMES PROJECT

HERMES aims at reducing the negative effects of cognitive decline by supporting prospective and episodic memory in situations where a user feels at a loss. A home-based and mobile device offers advanced calendaring functionality and sophisticated access to past events based on intelligent audio and visual processing and reasoning. A special focus is given to the user interface that is used to access the system in order not to overload the user with functionality that is not used or not even understood.

WHEN

15th December 2010

From 10 am to 5 pm

WHERE

Richard Hoggart Building

Lecture Theatre 309

Goldsmiths - University of London

Lewisham Way - SE14 6AF - London, UK

WHO SHOULD ATTEND?

Attendance at this workshop will benefit all those interested in research on ageing and older people, in particular: healthcare professionals, older people associations, service providers, ISPs, Telco manufacturers, researchers in the field of ICT and ageing, other projects in e-Inclusion, AAL & ICT PSP projects partners.

REGISTRATION INFORMATION & CONTACTS

The fee is £25 and includes all workshop materials and refreshments.

TO REGISTER PLEASE CONTACT:

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HOW TO GET TO GOLDSMITHS

Goldsmiths is in New Cross, South East London, in zone 2 and five minutes' walk from New Cross or New Cross Gate stations. From central London, taking a train from London Bridge to New Cross or New Cross Gate is one of the quickest and most straightforward routes. Alternatively you can get to New Cross or New Cross Gate using the London Overground network, which can be connected to from various Tube lines. For further information, visit: www.gold.ac.uk/find-us/

VENUE ADDRESS

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ENTRANCE

