

# 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.

VM is funded by the EU's 7th Framework Programme (FP7/2007-2013) under grant agreement n° ICT-215387.

[www.vitalmind-project.eu](http://www.vitalmind-project.eu)

## 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.

HERMES is funded by the EU's 7th Framework Programme (FP7/2007-2013) under grant agreement n° ICT-216709.

[www.fp7-hermes.eu](http://www.fp7-hermes.eu)

## WHEN

15<sup>th</sup> December 2010, from 10 am to 4 pm

## WHERE

Richard Hoggart Building  
Lecture Theatre 309  
Goldsmiths - University of London  
Lewisham Way - SE14 6AF - London, UK

## WHO SHOULD ATTEND?

Healthcare professionals, older people associations, service providers, ISPs, Telco operators and 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** (by December 9<sup>th</sup>, 2010):

**Andrea Miotto**

**E:** [a.miotto@gold.ac.uk](mailto:a.miotto@gold.ac.uk)

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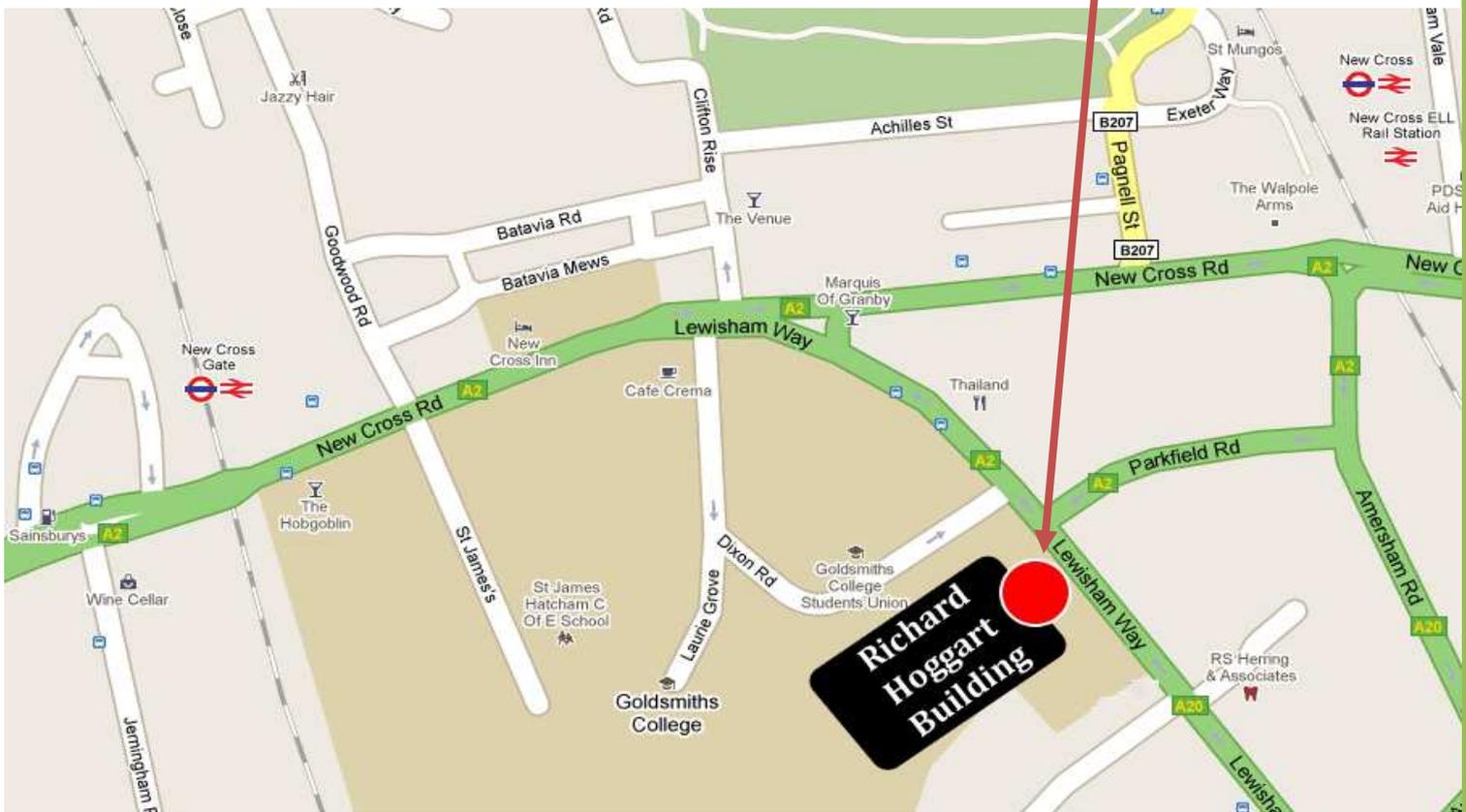
## HOW TO GET TO GOLDSMITHS

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/](http://www.gold.ac.uk/find-us/)

## VENUE ADDRESS

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## ENTRANCE



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## PROGRAMME

**09.30** Workshop registration and refreshments

**10.00** Introduction

Jonathan Freeman - Managing Director, i2 media research ltd.

**10.20** Older people's digital participation

Katie Hanson - Consumer Policy Manager, Ofcom

**10.40** Age-related changes in older adults

Alex Carmichael - ITC Research Fellow, University of Dundee

**11.00** Refreshments

**11.20** Support technology for older people

- **VITAL MIND project**

Andrea Miotto - Research Associate, Goldsmiths - University of London

- **HERMES project**

Arjan Geven - Research Coordinator, Cure

- **CompanionAble project**

Atta Badii - Director, Intelligent Media Systems & Services Research Centre

- **OASIS project**

Karel Van Isacker - Project Manager, OASIS

**13.00** Lunch break & demos

**14.00** Realising the benefits of support technologies for older people

- **Assistive technology market for the elderly**

Alex Conconi - Project Manager, TXT e-solutions

- **Realising the potential of technology: how people make all the difference**

Maurice Mulvenna - Professor of Computer Science, University of Ulster

- **Implementing remote care in the UK**

Jane Hendy - Research Fellow, Imperial College London

- **Quality of life at home, policies, networks and technologies: view from a Region**

GianMatteo Apuzzo - Researcher, Welfare Area - Friuli Venezia Giulia

**15.20** Conclusion

Jonathan Freeman - Managing Director, i2 media research ltd.