Intensive Programme
TRABHCI
Technologies to Reduce the Access Barrier in Human Computer Interaction
Zaragoza
19th March - 30th March 2012

The academics

The students

The history,

from Lahti 2000 to Zaragoza 2012

IP topics, lectures and projects

IP Coordinator and Local organizers:

Elisa Hassinen (Lahti)

Eduardo Lleida (Zaragoza)

Main lectures:

Boris Hollas (Dresden)

Sariseelia Sore (Lahti),   Antti Salopuro (Lahti)

Michela Goffredo (Rome), Ivan Bernabucci (Rome)

María José Castro (Valencia), Joan Pastor (Valencia)

Alfonso Ortega (Zaragoza)

The Students:

Lahti University ... 5
HTW Dresden ... 2
University of Zaragoza ... 4
University Roma Tre ... 6
Polytechnical University of Valencia ... 5

.... 22........

Present your self!

The history

The very first coordinator ! Walter Paetzold (HTW Dresden)

At the beginning 1995/1998 Open To Europe: Artificial Intelligence

First IP period: 1999/2000 to 2001/2002

Intensive Programme "Open to Europe - Artificial Intelligence - Internet Course Design"

Lahti 1999/2000,   Valencia 2000/2001,   Manchester 2001/2002

2002/2003 – No IP funding but Dresden 2002/2003

2003/2004 to 2005/2006

 Intensive Programme "User Interfaces & Intelligence Internet Applications"

Zaragoza 2003/2004,   Lahti 2004/2005,   Valencia 2005/2006

New coordinator: Eduardo Lleida (UZ, Zaragoza)

2006/2007 – No IP funding but   Manchester 2006/2007

2007/2008 to 2009/2010

User Interfaces for Ambient Intelligence

Dresden 2007/2008,   Zaragoza 2008/2009,   Lahti 2009/2010

New coordinator: Elisa Hassinen (Lahti) ... TRABHCI

Valencia 2010/2011, Zaragoza 2011/2012 and Rome 2012/2013???

<u>The main topics of the IP:</u>
<u>   Human Computer Interaction</u>

emerging technologies to improve the **accessibility and usability** of the computers by **non expert users**.
special emphasis on the **new technologies that will help users with disabilities**

Speech and Handwriting Interfaces

Artificial Intelligence & Natural languaje Understanding

Development on virtual worlds: second life

Gesture recognition

Augmentative and alternative communication (AAC)

AAC is an umbrella term that encompasses the **communication** methods used to **supplement or replace speech or writing** for those with **impairments** in the production or comprehension of spoken or written language.

http://en.wikipedia.org/wiki/Augmentative_and_alternative_communication

AAC is used by those with a wide range of speech and language impairments, including congenital impairments such as cerebral palsy, intellectual impairment and autism, and acquired conditions such as amyotrophic lateral sclerosis and Parkinson's disease.

About the IP programme

Lectures

www.trabhci.eu

Projects

1st week – speech/handwriting dialogue system
build your our siri system
2nd week – Second life with gesture control
interact on the virtual world

Social events

Other issues
Internet conexion

eduroam if you have at <u>your</u> university

wiuz

username: einawifi

password: emejorig

Lunch

at the restaurant in Betancourth's building

take the daily ticket

Any problem, please call me +34 696401984