



European Conference

on Human Centred Design for Intelligent Transport Systems

**Berlin
Germany**

April 29th - 30th, 2010



acceptability
ITS modelling

Transport

Human
Factors

Research



The conference will be held from Thursday 29th to Friday 30th April, 2010 at the Berlin-Brandenburg Academy of Sciences and Humanities, formerly the Prussian Academy of Sciences.

This Academy was founded in 1700 by Leibniz and attained worldwide fame and recognition as the «Prussian Academy of Sciences». Past members of the Academy include famous people such as the Brothers Grimm, Alexander von Humboldt, Lise Meitner and Albert Einstein. The Academy includes 78 Nobel laureates among its members.

Today, the Academy is one of the major institutions of research in humanities in the Brandenburg region and is funded by the States of Berlin and Brandenburg as well as the joint academy programme of the Federal Government and the federal states.

Berlin-Brandenburg Academy of Sciences and Humanities
Conference and Event Center - Jägerstraße 22/23
D-10117 Berlin

Registration fees for participants have been set:

- at 250 € for registration before March 12th, 2010
- at 350 € for registration after March 12th, 2010
- at 150 € for students

This includes:

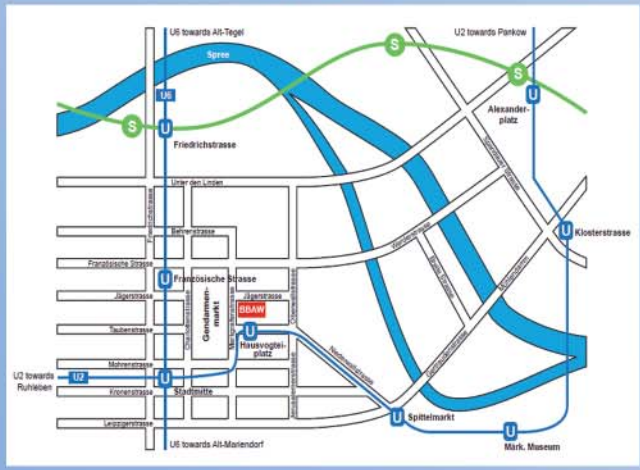
- Conference participation
- Conference proceedings
- Morning and afternoon refreshments
- Lunches and dinner

From December 15th, 2009 a registration form and a list of hotels will be available on the conference website.

website:

<http://www.conference2010.humanist-vce.eu>

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Conference scope

The widespread deployment of in-vehicle driver information systems and the emergence of advanced driver assistance systems are profoundly transforming road transport.

By means of these Intelligent Transport Systems, a range of services is offered to the driver with the objective of facilitating the driving task and improving travel safety.

Nevertheless, these developments raise numerous questions about acceptance and possible effects and their impact on drivers' behaviour and attitudes.

All this encourages a Human Centred approach, in which ITS are designed according to driver needs and are not driven by technological capabilities.

This is the reason why the HUMANIST Virtual Centre of Excellence is organising a conference on this topic.

During the conference, the following scientific topics related to Human Centred Design for Intelligent Transport Systems will be addressed:

- Effects of ITS on driver behaviour and interaction with the systems
- Tools and methodologies for safety and usability assessment
- Modelling of drivers' behaviour for ITS design
- Diversity and specificity of road user groups
- Drivers' needs and acceptance of assistance functions
- Green ITS to meet new driver needs
- Field Operational Tests and Naturalistic Driving Studies
- ITS and traffic management
- Human-Centered System Integration and Product Maturity
- Generic User Interfaces for Assistance Systems

Call for papers

Papers will be considered for lecture or poster presentation. All lecture and poster presenters are required to submit an extended abstract (2 pages in length). Papers that have been published previously may not be submitted. The abstracts are due by September 30th, 2009.

Authors will be notified of the acceptance of their proposal by November 12th, 2009. Final papers must be submitted by January 8th, 2010 to be published in the proceedings that will be distributed during the conference.

Selected authors will later be invited to publish an extended version of their paper as part of a special issue in IET Intelligent Transport Systems Journal.

A section of the conference website is dedicated to guidelines for authors.

Website:

<http://www.conference2010.humanist-vce.eu>

Significant dates

| | |
|-------------------------------|----------------------|
| Call for extended abstracts | Opened |
| Extended abstracts submission | September 30th, 2009 |
| Notification of acceptance | November 12th, 2009 |
| Final papers due | January 8th, 2010 |
| Final programme announcement | February 8th, 2010 |

Scientific committee

Josef F. Krems (Chemnitz TU, DE)
Martin Baumann (DLR, DE)
Guy Boy (Florida Institute for Human and Machine Cognition, USA)
Corinne Brusque (INRETS, FR)
José Manuel Menendez (UPM, ES)
Andrew Morris (Loughborough University, UK)
Merja Penttinen (Nokia, FI)
Pirkko Rämä (VTT, FI)
Ralf Risser (FACTUM, AT)
Karel Schmeidler (TRC, CZ)
Alan Stevens (TRL, UK)
Manfred Thüring (Berlin TU, DE)
Mark Vollrath (Braunschweig TU, DE)

Organisation committee

Josef Krems (Chemnitz TU, DE)
Matthias Henning (Chemnitz TU, DE)
Lucile Murier-Mendoza (HUMANIST VCE, FR)



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