

List of Project Demonstrations

Personal Orchestra – Conducting the Vienna Philharmonic:
Prof. Dr. Jan Borchers, RWTH Aachen

Fostering User Centred Development with the Oregon Software Development Process: Prof. Dr. Jörg Haake, Fernuniversität Hagen

New Techniques & Tools for Man-Machine-Communication - Touchless Interaction + Semantic Maps for Knowledge Discovery: Dr. Monika Fleischmann and Wolfgang Strauss, Fraunhofer IMK, Sankt Augustin

User-Centred Design for Next-Generation Computing - The Case of wearIT@work an EU IP: Markus Klann and Dr. Marcus Specht, Fraunhofer FIT, Sankt Augustin

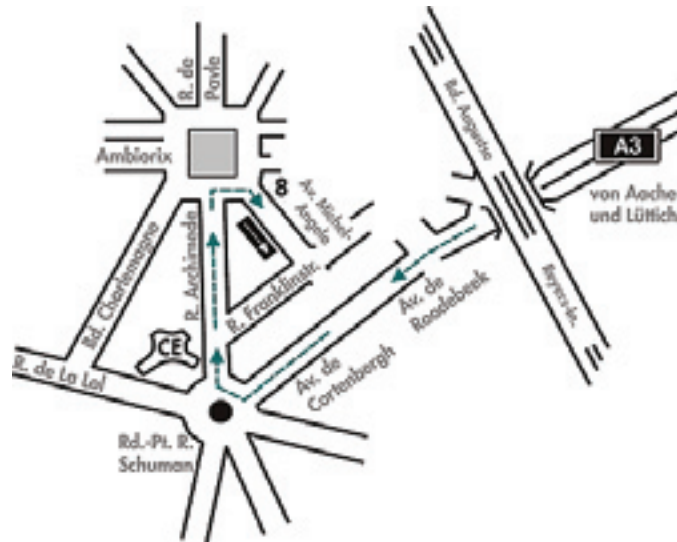
Digital TV: Applications Providing Information, Entertainment, Control, and Communication: Dr. Thomas Becker, Buhl Data, Neunkirchen

Flash on North Rhine Westphalia

Geographically central position in Europe • 18 million people • industrial heart of Germany (22% of German GDP) • economic hub of Europe • half a million students • 40.000 students from abroad • region with the highest density of universities and research institutions of Europe • 57 universities • several national research centers • 11 Max Planck Institutes • 12 Fraunhofer Institutes • www.nrw.de

Location

Representation of the State of North Rhine-Westphalia to the European Union
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Near Metro Schuman
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User Centred Computing.

19 January 2005 – Brussels.

Invitation.

User Centred Computing: A North Rhine-Westphalian Research Focus

Information technology becomes more and more an integral component of various aspects of life: from the fields of work and education over private housekeeping up to leisure and sports activities. These new fields of application are characterized by a low level of structuration and mostly non-technical-oriented users. In order to exploit the given potentials, computer science faces the challenge of developing innovative applications with user-centred methods.

Concerning this, universities and research institutes play a decisive role. They can explore the application-oriented potentials of new technologies, realize innovative applications prototypically and test them in real-world settings. In particular when they are closely related to (regional) industry, these institutions represent an important competitive factor.

During the last years, North Rhine-Westphalia has developed itself into a leading research region within the field of User Centred Computing. This fact results on the one hand from the appointment of internationally well-known scientists at state universities. On the other hand, the transformation of the former GMD Research Center into four independent institutes of the Fraunhofer Gesellschaft and their linkage with our universities raised the state's international scientific profile considerably in this field. This development is of special importance since User Centred Computing has a high impact on some of North Rhine Westphalia's economic strongholds, especially in the telecommunications and the media industry.

By this event, some internationally highly competitive research activities of North Rhine-Westphalia in the field of User Centred Computing will be shown.

Program

- 11:30 Welcome Reception and Project Demonstrations
- 12:00 Opening:
Hartmut Krebs, Deputy Minister,
Ministry of Science and Research of
North Rhine-Westphalia
- 12:10 IST Research in the 6th und 7th Framework Programme:
Dr. Peter Zangl, Deputy Director-General, DG Information
Society, European Commission
- 12:20 User Centred Computing – A North Rhine-Westphalian
Research Focus:
Prof. Dr. Matthias Jarke, RWTH Aachen,
Head of Fraunhofer Institute for Applied Information
Technology FIT and President of the German Informatics
Association (GI)
- 12:30 User Experience Centred Service Creation:
Dr. Pierre-Yves Saintoyant, Director, European Microsoft
Innovation Centre (EMIC), Aachen

- 12:40 End User Development:
Prof. Dr. Volker Wulf, University of Siegen and
Fraunhofer FIT, Sankt Augustin
- 12:50 From Brainstorming to Ontologies — Multimodal User
Interfaces for WebEngineering:
Prof. Dr. Jürgen Ziegler, University of
Duisburg-Essen
- 13:00 Lunch and Project Demonstrations

Working language is English

Registration

Please register before
January 10th, 2005
via facsimile ++32 2 739 17 08 or
via email susanne.pochet@lv-eu.nrw.de

via mail

Representation of the State of North
Rhine-Westphalia to the European Union
Mrs. Susanne Pochet
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B-1000 Brussels
Belgium

I will participate

Unfortunately I am not able to attend

Name

Institution/Company

Street/P.O. Box

ZIP/City

Country

Phone/Fax

Email

Date

Signature