



# FIDIS

Future of Identity in the Information Society

## Agenda

### **“The identities of identity“ – an interdisciplinary and international challenge**

*Annotated Agenda and Abstracts for the FIDIS Networking Session (#448)*

Monday, 15<sup>th</sup> November 2004, 14.00 - 15.30

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#### **Annotated Agenda**

This networking session will:

- 1) Introduce FIDIS, the Network of Excellence “Future of Identity in the Information Society” (Kai Rannenber, Goethe University Frankfurt, FIDIS Coordinator) (10 min)
- 2) Illustrate how direct technological links bring our understanding of an "individual" human's identity into question and challenge present concepts of Identity (Kevin Warwick, Reading University) (20 min)
- 3) Present an overview of definitions of identity from a pluridisciplinary perspective, spanning the many dimensions of identity (technical, social, organizational, legal, etc.). A brief series of cases will help to understand the issues and the articulation between these different dimensions. (Thierry Nabeth (INSEAD, Coordinator FIDIS WP 2 “Taxonomy of Identity, Anonymity and Pseudonymity)) (20 min)
- 4) Present an overview of identity management systems and their main characteristics and use (Henry Krasemann (ICPP Schleswig Holstein)) (20 min)
- 5) Aim at discussing these views and descriptions and collect more from the audience (20 min)





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## **Presentation Abstracts:**

### **Kai Rannenberg (Goethe University Frankfurt): Introducing FIDIS**

FIDIS (Future of Identity in the Information Society, IST 507512) is an NoE (Network of Excellence) supported by the European Union under the 6th Framework Programme for Research and Technological Development within the Information Society Technologies (IST) priority in the Action Line: "Towards a global dependability and security framework". FIDIS is interdisciplinary and is dealing with issues of "Identity" that have a clear link to persons and individuals in the information society. FIDIS objectives are shaping the requirements for the future management of identity in the (European) information society and contributing to the technologies and infrastructures needed.

### **Kevin Warwick (Reading University): I Think – but Who Am I?**

Implants (e.g. computer chips implanted inside human beings) are just one example, how individuals are changing in the modern world, due to a closer interaction between humans and technology. This interaction affects an individual's abilities, in both their mental and physical profile, and critically affects their identity and how they are perceived by others. In this sense the individual "I" can be a cohesive human/technology mixture, as indeed can the others, the "Non-I". In fact due principally to networking and communication this even brings the concept of an "individual" into question.

This presentation will discuss the challenges in understanding the concept of identity through human+machine interface connections by means of practical examples involving results from implant experiments carried out at e.g. Reading University. Clearly however the area of concern is not merely a technological research topic but rather challenges the philosophical understanding of self and non-self. Would Descartes have come to different conclusions than he did, if his brain was part human - part machine?

### **Thierry Nabeth (INSEAD): Addressing the identity issues: a pluri-disciplinary perspective**

The management of identity includes a variety of dimensions (technical, social, organizational, legal, economical, etc.) that should be taken into account in the elaboration of every solution having to deal





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with an identity problem. In particular, no solution relying on a single of these dimensions (for instance a purely technical or legal solution) can be expected to really function and be adopted by all the stakeholders involved in this problem.

This presentation will first discuss the identity concept according to the different perspectives, and will in particular show how different fields (technical, security, legal, etc.) understand this concept. It will then indicate how these perspectives are to be articulated in order to construct holistic solutions to identity problems.

Cases will be used to illustrate the pluri-disciplinary nature of identity problems, and to present some directions of how to construct identity management “systems” encompassing the different dimensions.

This presentation will finally conclude by providing an outlook of the work conducted in the FIDIS NoE to collect definitions, cases, models, etc. related to identity, and that can be helpful to the different actors (researchers, practitioners, decision-makers, citizens, etc.) having to deal with an “identity issue”.

## **Henry Krasemann (ICPP): Identity Management Systems – An Overview**

The term “Identity Management Systems” (IMS) is used in manifold context. This presentation will explain the differences between the main categories of IMS. It will describe requirements to the design and use of IMS from various perspectives including users, companies, service providers, data protection authorities, and law enforcement agencies. The results of a recent evaluation of the main IMS, which will be developed into an operational database, will be elucidated. Additionally the talk will show trends of IMS and potential ways of handling one's identity, based on a recent survey among experts. Finally an outlook on the future work of FIDIS on IMS is given.

