



# 1st Public Workshop IP Daidalos

**“Designing Advanced network Interfaces for the  
Delivery and Administration of Location  
independent, Optimised personal Services”**



**December 14, 2004**

**University of Stuttgart (Germany)**



# 1st Public Workshop

## IP Daidalos

- ▶ Objectives:
  - Disseminate the results
  - Present selected prototypes
  - Open a forum for networking



- ▶ How to?
  - Four main technical slots incl. short questions
  - External speakers invited to broaden the view:  
AN – E2R – ETSI TISPAN
  - Demonstrations during lunch and coffee break
  - Download of presentation from workshop website





# Agenda

## Session 1 "Overview & Approach"

09.00 - 10.00

- ▶ **Welcome**, Prof. Paul Kühn, University of Stuttgart 5'
- ▶ **Setting the scene - Daidalos in the framework of FP6/IST/Systems Beyond 3G**  
Riccardo Pascotto, Project Co-ordinator, Deutsche Telekom 10'
- ▶ **Vision & Technical Overview**  
Hans-Werner Bitzer, Technical Project Manager,  
Deutsche Telekom 20'
- ▶ **The Daidalos Methodology**  
Jürgen Jähnert, University of Stuttgart 20'

*10.00 - 10.30 Coffee Break*





# Agenda

## Session 2 “Integration of heterogeneous networks“

10.30 – 12.00

- ▶ **Advanced Mobility and Security in heterogeneous networks**  
Amardeo Sarma, NEC 25'
- ▶ **Broadcast Integration in Daidalos**  
Jean Ribiero, TDF 15'
- ▶ **End-to-End Reconfigurability (E2R) – System and network support aspects“**  
Bertrand Souville, E2R Project  
DoCoMo Communications Laboratories Europe GmbH 20'
- ▶ **Ambient Networks - long-term mobile networking approach**  
Norbert Niebert, Ericsson,  
Ambient Network Project 20'





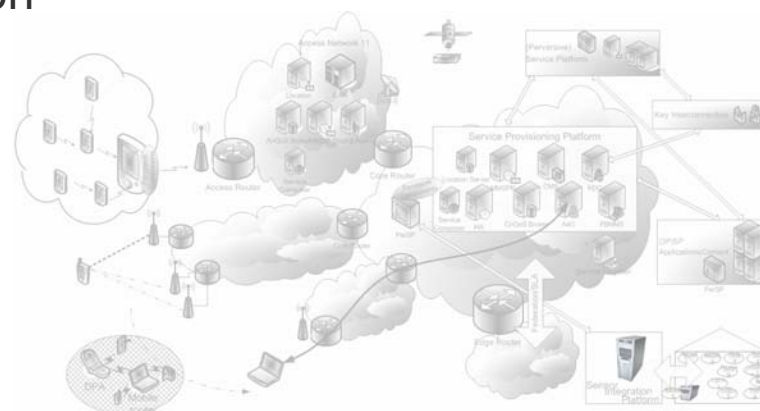
# Agenda

## 12.00 am - Opening of demonstration booths

1. Ad hoc Networks Integration
2. Multihoming in Mobile IPv6
3. A Generic IP Paging Architecture and Protocol
4. User authentication using PANA-Diameter
5. QoS Broker/ MMSP Proxy/ Legacy
6. Content Adaptation Node (CAN)-based adaptive multipoint conferencing
7. The challenge of discovering and managing composed services in pervasive systems (Wall display)
8. Context management and personalisation

### Broadcast Demonstrators (outside - BMW)

9. Video-on-demand for mobile users through IPv6/DVB-T
10. Service authorisation:  
Broadcast Integration Demonstrator for Automotive Scenes 1&2






# Agenda

## Session 3 "Service Provisioning"

13.30 - 14.45

- ▶ **Service Provisioning Platform and QoS Support**  
Francisco Fontes, Portugal Telecom Inovação 20'
- ▶ **A4C in Daidalos – From State of the art to innovation**  
Holger Ziemek, Fraunhofer Gesellschaft 10'  
Benjamin Weyl, BMW Group 10'
- ▶ **Overview of ETSI Technical Committee TISPAN and NGN**  
Rainer Muench, Alcatel  
ETSI TISPAN  20'

*14.45 - 15.15 Coffee Break, Demonstration booths*





# Agenda

## Session 4 “Pervasiveness” & Conclusion

15.15 - 16:45

- ▶ **Privacy in a world with pervasive computing – a contradiction?**  
Christian Hauser, University of Stuttgart 20'
- ▶ **The challenge of discovering and managing composed services in pervasive systems**  
Kevin Doolin, TSSG 20'
- ▶ **The overall architecture, its buildings blocks, and way ahead**  
Rui Aguiar, Instituto de Telecomunicações 30'
- ▶ **Wrap Up,**  
Riccardo Pascotto 20'

16.45 Workshop closure





# Setting the scene

## Daidalos in FP6/IST/Systems Beyond 3G

- ▶ Eol established in May 2002
- ▶ IP Daidalos started in November 2003
- ▶ Strategic objective “**Mobile & Wireless Systems Beyond 3G**” supporting “interoperable end-to end service provision”<sup>1</sup>
  
- ▶ Strengthen Europe’s competitiveness - **eEurope 2005**<sup>2</sup>:
  - “Reinforce availability of broadband take-up”
  - “Bringing technology closer to people needs”
  - “Security is becoming a major concern”



- ▶ Contributions in M&WSB3G concertation mechanisms and several clusters, mainly B3G, broadcast/multicast, security, IPv6



Quotes: 1 - Strategic Objective M&WSB3G: Consultation Report, June 18, 2004

2 - F.Colasanti, Director General Information Society at IST2004, Nov15, 2004



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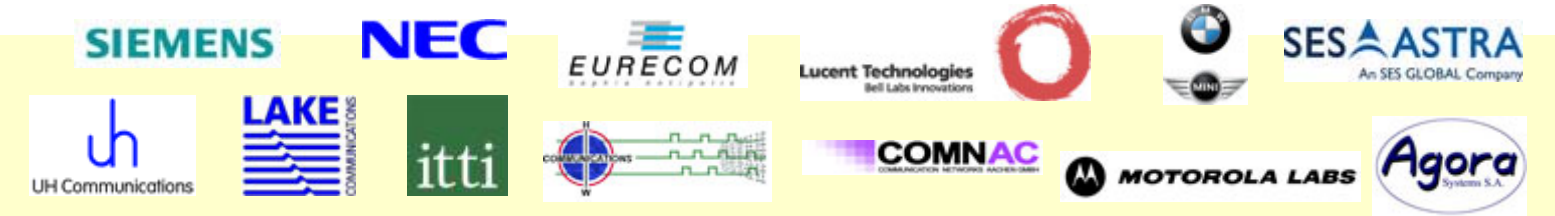
# IP Daidalos Consortium



Telco Operators



Industry, SME



Research labs, academia

