

Conference & Exhibition

# eChallenges e-2006

Final Programme

Barcelona *Spain*

**25 - 27 October 2006**



Major Sponsors



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# Introduction

The **eChallenges e-2006** Conference takes place 25 – 27 October in Barcelona, Spain. This is the sixteenth in a series of annual conferences supported by the European Commission, which bring together over 600 delegates from leading commercial, government and research organisations around the world to bridge the Digital Divide by sharing knowledge, experience, lessons learnt and good practice.

Thematic areas addressed in the conference programme include Networked Business, eGovernment and eDemocracy, Technology Enhanced Learning, Collaborative Working Environments, eHealth, GRID, Knowledge Management, Smart and Virtual Organisations & International IST Collaboration.

The reputation of the **eChallenges** Conference Series is based on its international perspective and its focus on high quality papers, discussion and networking. Opening and closing plenary sessions feature keynote government, business and research speakers sharing experience, insight and challenges for the future. Thematically focused parallel sessions provide coherence to a programme featuring an invigorating mix of business and government case studies, technical, legal and policy papers and interactive workshops.

**eChallenges e-2006** features a series of special tutorials on Wednesday 25 October presented by European Commission officials on participation in Framework Programme 7 (FP7), focusing on Networked Business, Collaborative Working Environments, Technology Enhanced Learning, GRID, Knowledge and Content Technologies and Software Technologies. There are also tutorial on Future Funding Mechanisms for eGovernment and the results of the European Commission's RFID Consultation Process. European research activities are structured around consecutive multi-annual Framework Programmes. FP7 is under preparation, setting out the priorities – including the Information Society Technologies (IST) Programme – for the period 2007 – 2013. IST is open to international co-operation with the aim to join forces for addressing major challenges, where significant added value is expected to be gained from world-wide R&D cooperation.

The Community Building goals of **eChallenges e-2006** are to facilitate international research cooperation and successful exploitation of research results, to promote knowledge sharing between commercial, government and research organisations, to share experiences about the current state of global eAdoption at sectoral, national and regional levels, to support International Cooperation and open up the European Research Area (ERA) to the rest of the world.

## Who will you meet at e-2006?

*"eChallenges e-2005 was a success largely due to the ability of the eChallenges Consortium to attract major global players in ICT related applied R&D and formulate a program rich in content, touching the cutting edge of R&D issues and focusing on the most important future trends, while insisting on high level academic performance as manifested in the excellent conference proceedings and documentation. For my colleagues in the Government of Slovenia, for the Slovenian research community and related businesses, the event was very valuable."*  
**Dr. Jure Zupan, Minister for Higher Education, Science and Technology, Slovenia**

The **eChallenges** Conference Series attracts policy makers, practitioners and researchers from leading commercial, government and research organisations around the world. Participants include Ministers, Director-Generals, Vice-Presidents, senior & middle managers, professors & graduate students, project managers, software engineers and researchers.

**eChallenges e-2006** provides a prestigious international forum to increase awareness of exploitable research results and applications, whether funded privately or at regional, national or European level. The Conference Exhibition provides an

opportunity to showcase research results and applications through technology demonstrations and posters. The eChallenges Community is open, inclusive and welcoming, providing an excellent networking environment to discuss problems and new ideas, share knowledge and experience, and obtain feedback from potential users.

The **eChallenges** Conference Series also provides a unique opportunity to identify partners and opportunities to co-operate in international research projects co-funded by the European Commission under the IST Programme of FP7, as well as discussing proposal ideas with European Commission officials representing different units from DG INFSO.

## The Venue

The **eChallenges e-2006** Conference & Exhibition takes place in the Hotel Princesa Sofia, Plaza Pio XII, Barcelona, which is located in the exclusive Avenida Diagonal. It combines elegant, classic surroundings with high-tech, modern facilities.

## Media Partners



## The Programme

The 3-day programme features an invigorating mix of business and government case studies, technical and policy papers and interactive workshops. As well as opening and closing plenary sessions, delegates may participate in almost 80 thematically focused parallel sessions featuring different aspects of Networked Business, eGovernment and eDemocracy, Technology Enhanced Learning, Collaborative Working Environments, eHealth, GRID, Knowledge Management, Smart and Virtual Organisations and International Collaboration on IST. Session Chairs will ensure active discussions and facilitate delegate participation and networking.

The conference programme is complemented by a demonstration and exploitation focused Exhibition, social events including a **Gala Dinner** kindly sponsored by the Generalitat de Catalunya and the Ajuntament de Barcelona (25th October), a **Networking Cocktail Reception** kindly sponsored by IBM (26th October), a comprehensive Partner Social Programme, as well as Post-Conference Tours.

The programme is subject to change, and the **eChallenges e-2006** Organising Committee reserves the right to alter the contents, venue and/or speakers.

## Networking Support

Networking is a key feature of the **eChallenges** Conference Series, and is facilitated in a number of practical ways. Paper and workshop sessions are designed to maximise knowledge sharing by providing time for interactive discussions during the conference programme itself. Coffee and lunch breaks take place in the Exhibition area to maximise exposure for technology demonstrations and posters, and to facilitate further discussion following paper and workshop sessions. Social events are designed to facilitate informal discussion, and the Cyber Café makes it easy to follow up immediately.

A number of dedicated networking areas are provided at the venue to facilitate spontaneous meetings by small groups. Finally, the **Delegate Showcase** on the **eChallenges** portal ([www.eChallenges.org](http://www.eChallenges.org)) allows registered delegates, speakers & exhibitors to publish their own short profile (including research and commercial interests and a photograph), to facilitate networking before, during and after the conference.

## Cyber Café

**e-2006** delegates may avail of the printing and Internet facilities provided by the **eChallenges** Cyber Café. Make last minute changes to your conference presentation, follow up immediately on business, research and cooperation opportunities identified through networking at the conference, and keep in touch with colleagues, family and friends.

## Security, Health and Safety

Please wear your name badge for all **e-2006** activities, as it is your identification and allows you access to all Conference facilities. Unfortunately, conferences provide a tempting target for thieves, so please take care of bags, personal computers and other personal belongings.

The organisers cannot accept any responsibility for losses incurred, or for personal health and safety. Delegates should ensure they have personal health insurance and take the usual care when exploring the city of Barcelona. If you or your partner have any special needs or requirements, please contact the Conference Secretariat well in advance of the event.

## Hotel Accommodation

The Conference Organisers have negotiated special B&B rates at the Conference Hotel (**Princesa Sofia Gran Hotel**) as well as the **Torre Catalunya Gran Hotel** and **Hotel Expo Barcelona** (which are beside one another, ten minutes by Metro from the Princesa Sofia). By staying in one of these hotels, you will maximise networking opportunities with other conference delegates, presenters and exhibitors.

**eChallenges e-2006** delegates are strongly recommended to book their accommodation online early, as Barcelona is very busy the week that the Conference takes place. While the Conference Organisers will try to accommodate delegates' first choice, rooms will be allocated on a first-come, first-served basis. More information is available on the **eChallenges** portal ([www.eChallenges.org](http://www.eChallenges.org)).

## Gala Dinner

The Organising Committee are pleased to announce that a **Gala Dinner** sponsored by the Generalitat de Catalunya and Ajuntament de Barcelona will take place on Wednesday 25 October. Tickets for the Gala Dinner are restricted due to available space, and assigned on a first-come, first-served basis.

## Networking Reception

The Organising Committee are pleased to announce that a **Networking Cocktail Reception** sponsored by IBM will be held in the Exhibition area on Thursday 26 October from 6pm.

It is necessary for all delegates and Accompanying persons to confirm participation at both social events as part of Online Registration to secure tickets.

## How to get there

The airport is located 12 kilometres outside the city, to the south. It has direct scheduled flights from most European and international cities, with additional indirect flights via Madrid. Transport from the airport to the city centre can be made by Train (Fare: €1.50, Daily 6.13am - 11.40pm), Aerobús (Fare: €3.75 one-way / €6.45 return - valid for one week, Monday-Friday 6am. to Midnight / Saturday, Sunday and public holidays 6.30am - Midnight) or taxi.

### Train ([www.renfe.es](http://www.renfe.es))

Trains leave from the Airport to the station for the Princesa Sofia, Torre Catalunya and Expo Hotels every 30 minutes. The train takes 17 minutes to arrive at **Barcelona Sants Station**. For Torre Catalunya & Expo, exit station and walk 2 minutes to hotel. For the Princesa Sofia, change to L3 Metro (Direction Zona Universitària) and get off at Maria Christina station. Exit station and walk 5 minutes to Conference Hotel.

### Aerobús ([www.emt-amb.com](http://www.emt-amb.com))

Aerobús from Airport to Princesa Sofia, Torre Catalunya and Expo leaves every 12 minutes, Aerobús takes c.40 minutes to get to **Barcelona Sants Station**. For Torre Catalunya and Expo, exit Aerobús and walk 2 minutes to hotel. For the Princesa Sofia, change to L3 Metro (Direction Zona Universitària) and get off at Maria Christina station. Exit station and walk 5 minutes to Conference Hotel.

Delegates may avail of the **Barcelona City Card**, featuring free travel on public transport and discounts and free offers at museums, cultural venues, entertainment, leisure attractions, evening venues, shops and restaurants. Every card (valid for 1 - 5 days), comes with a FREE guidebook and city map.

A **taxi** will cost approximately €20 from the airport to either the Princesa Sofia, Torre Catalunya or Expo.

## Major Places of Interest

Barcelona, the regional capital of Catalunya, and Olympic City in 1992, offers a unique mixture of architecture and cultural heritage. Barcelona is very accessible with a comprehensive public transport system that will make it easy for you to see everything this beautiful and historic city has to offer.

With Gaudi landmarks throughout the city (Guell Park, Batllo House, Sagrada Familia Cathedral), Barcelona also has areas like La Rambla (linking Plaça Catalunya to Estatua de Colón - Columbus Statue - a boulevard full of kiosks, restaurants, flower shops, stores and art), and the Gothic Neighbourhood with its wide range of main public buildings (Palacio de la Generalitat, the Auntamineto, Palacio Real).

The 1992 Olympics provided an opportunity to transform the waterfront with promenades, beaches, marinas, restaurants, leisure attractions & housing.

## Sponsorship Opportunities

**e-2006** offers a variety of Sponsorship Opportunities to enhance your organisation's image with the international IST research community. Prominent notice will be given to sponsors on the conference portal, in the Exhibition area, promotional e-mails and press releases, together with other benefits and promotional opportunities.

Major sponsors for **e-2006** include Generalitat de Catalunya, Ajuntament de Barcelona, Hewlett-Packard Europe and IBM. **eChallenges e-2006** is also supported by the European Commission.

Technical co-sponsors include IEEE Region 8 (Europe, Middle East, Africa), IEEE Spain Section, IEEE Spain Computer Chapter, IEEE Spain Signal Processing & Communications Joint Chapter, IEEE UKRI Computer Chapter, IEEE Control & Communication (Ireland) Joint Chapter and Colegio Oficial de Ingerieros de Telecomunicacion.

Previous sponsors include the European Commission, Municipality of Bologna, City of Vienna, Austrian Ministries of Transport, Innovation & Technology and Economic Affairs & Employment, Slovenian Ministry of Higher Education, Science & Technology, Alcatel, HP, IBM and Telekom Austria.

A number of Sponsorship opportunities are still available, with Sponsorship applications considered on a first-come, first-served basis.

To request a sponsorship proposal, please contact the Conference Secretariat - [secretariat@eChallenges.org](mailto:secretariat@eChallenges.org)

## Plenary Session Speakers

Keynote speakers already confirmed include:

- **Ernest Maragall**, Secretary of the Government, Generalitat de Catalunya
- **Maravillas Rojo Torrecilla**, Councillor for Employment and Innovation, Ajuntament de Barcelona
- **Dave Broster**, Head of eTEN Unit, European Commission
- **Joao Da Silva**, Director of the European Commission
- **Matthias Kaiserswerth**, VP Research, Director Zurich Research Laboratory, IBM
- **Auke Leenstra**, Ministry of Economic Affairs, Netherlands
- **Bernard Meric**, Senior Vice President, External Affairs EMEA, Hewlett Packard Europe
- **Rosalie Zobel**, Director of the European Commission



Ernest Maragall,  
Generalitat de Catalunya



Maravillas Rojo,  
Ajuntament de Barcelona



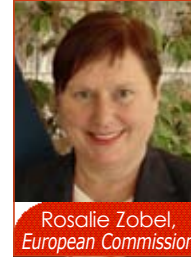
Dave Broster,  
European Commission



Joao Da Silva,  
European Commission



Bernard Meric,  
HP Europe



Rosalie Zobel,  
European Commission

## International Programme Committee

A distinguished Programme Committee has been formed to review and provide actionable feedback on extended abstracts, draft final papers and presentations, and chair sessions.

The **e-2006 Programme Committee** includes

- **Paul Cunningham**, IIMC, Ireland (Chair)
- **Dr. Robert Alard**, ETH Zurich, Switzerland
- **Pete Bramhall**, Hewlett-Packard Laboratories, UK
- **Dr. Jonathan Cave**, RAND Europe, UK
- **Miriam Cunningham**, IIMC, Ireland
- **Prof. Stephen Curwell**, University of Salford, UK
- **Kim Davis**, Research Council of Norway
- **Dr. Sharon Dawes**, Center for Technology in Government, University at Albany SUNY, USA
- **Prof. Jose Delgado-Penin**, Universitat Politècnica de Catalunya, Spain
- **Prof. Asuman Dogac**, Middle East Technical University, Turkey
- **David Esteban**, TECHFORCE S.L., Spain
- **Prof. José C. González**, Universidad Politécnica de Madrid, Spain
- **Valerie Gregg**, Information Sciences Institute, University of Southern California, USA
- **Dr. Nenad Ivezic**, NIST, USA
- **Prof. Bernhard Katzy**, CeTIM, Netherlands
- **Oriol Lloret**, Generalitat de Catalunya, Spain
- **Gareth MacNaughton**, HP Europe, Belgium
- **Prof. Ann Macintosh**, Napier University, UK
- **Jesse B.T. Marsh**, Atelier Studio Associato, Italy
- **Mícheál Ó Foghlú**, TSSG, WIT, Ireland
- **Alvaro Oliveira**, Alfamicro Lda., Portugal
- **Dr. Stephan Raimer**, Wirtschaftsförderung und Technologietransfer Schleswig-Holstein GmbH, Germany
- **Jonathan Sage**, IBM Business Consulting, Belgium
- **Prof. Paul Schoensleben**, ETH Zurich, Switzerland
- **Hans Schaffers**, Telematica Instituut, Netherlands
- **Dr. Philip Seltsikas**, University of Surrey, UK
- **Peter Stanbridge**, Korora Limited, UK

- **Richard Stevens**, Insiel SpA, Italy
- **Prof. Anibal R. Figueiras Vidal**, Universidad Carlos III de Madrid, Spain
- **Prof. Roger Wallis**, Royal Institute of Technology, Sweden
- **Peter Weiss**, AIFB, University of Karlsruhe, Germany
- **Stefan Wesner**, HLRS, Germany

## Organising Committee

- **Miriam Cunningham**, IIMC, Ireland
- **Paul Cunningham**, IIMC, Ireland



## Conference Secretariat

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 e-mail: [secretariat@eChallenges.org](mailto:secretariat@eChallenges.org)

## Conference Portal & Delegate Showcase

[www.eChallenges.org](http://www.eChallenges.org)



Wednesday,  
October 25,  
2006

08:00

Registration

09:15

Opening Plenary 1a

Chair: [Joao Da Silva, European Commission, Belgium](#)

**Barcelona - City of Innovation**

Maravillas Rojo Torrecilla, Councillor for Employment and Innovation, Ajuntament de Barcelona

**Strategies for our Networked Future**

Joao Da Silva, European Commission, Belgium

**Implementing ICT Policies through Sustainable eServices**

Dave Broster, European Commission, Belgium

**Shared Services, How to Increase Effectiveness and Efficiency in the Public Sector**

Bernard Meric, Hewlett-Packard Europe, Switzerland

**Why Do We Need eGovernment Services So Urgently?**

Ernest Maragall, Secretary of the Government, Generalitat de Catalunya

10:50

Coffee Break: Exhibition & Networking

11:30 Session 2a:

[Networked Business 1: Case Studies](#)

Chair: [Jose C. Gonzalez, Universidad Politecnica de Madrid, Spain](#)

**Extended Postal Enterprise: Using Technology to Improve Customer Value and Empower Franchisees in Integrated Business Framework**

Damir Trninic, Post Serbia, Serbia & Montenegro

**The Effects of Standards-based eBusiness in the Public Sector: A Project Status Report**

Eva Söderström, University of Skövde, Sweden

**Consolidating Usability - Case Study on Implementing the "Styleguide-Web"**

Stephan Raimer, Wirtschaftsförderung und Technologietransfer Schleswig-Holstein GmbH, Germany

11:30 Session 2b:

[eGovernment 1: Process Issues](#)

Chair: [Per Blixt, European Commission, Belgium](#)

**Building Response Capacity through Cross-boundary Information Sharing: The Critical Role of Trust**

Theresa Pardo, Center for Technology in Government, University at Albany, State University of New York, United States

**Strategic Options for Pan-European E-Government Interoperability**

Libor Neumann, ANECT a.s., Czech Republic

**Virtual Revenue Administration, Turkey: An Innovative Implementation of ICT and BPR towards a Citizen-Centric Tax Authority**

Yenal Gogebakan, cybersoft, Turkey

**Uptake in Online Tax Filing in Ireland (ROS)**

Sean Cosgrove, Revenue Commissioners, Ireland

**Knowledge-Process-Reengineering for e-Governance**

Gianluca Misuraca, EPFL, Switzerland

11:30 Session 2c: [Collaborative Work 1: Collaboration & Design Issues](#)

Chair: [Teresa De Martino, European Commission, Belgium](#)

**openAdap.Net: A Collaborative Sharing Environment**

Javier Iglesias, University of Lausanne, Switzerland

**Design and Emotions have a Key Role in the Next Generation of Goods and Services**

Miguel Tito, IBV, Spain

**Adaptive Complexity Management for Industrial Collaborations**

Uta Schminke, WZL, Germany

**Introduction of Geolocalisation Devices in the Workplace: Socio-legal Issues**

Nicole Turbe-Suetens, Distance Expert, France

11:30 Session 2d: [Technology Enhanced Learning 1: Collaborative Learning](#)

Chair: [Marco Marsella, European Commission, Luxembourg](#)

**iCamp: The Educational Web for Higher Education in an Enlarged Europe**

Barbara Kieslinger, Centre for Social Innovation, Austria

**Future of Knowledge Management in Higher Education Research in Singapore**

Ching Leen Chiam, National Institute of Education, Nanyang Technological University, Singapore

**New Conceptual Paradigms for Introducing Group Work and Group Based Technology in the Higher Education Environment**

Alan Hogarth, Glasgow Caledonian University, United Kingdom

**From Peer Learning to P2P Learning - New Life or Obsolescence for the Traditional Learning Institutions?**

Ulf Blomqvist, VINNOVA - Swedish Governmental Agency for Innovation Systems, Sweden

11:30 Session 2e:

[Smart & Virtual Organisations 1: Applications](#)

Chair: [Nenad Ivezić, National Institute of Standards and Technology, United States](#)

**Service Operating Cost Transparency in Customer and Supplier Relationships**

Oliver Schneider, ETH Zurich, Switzerland

**Cold-Trace: a Mobile-based Traceability Solution Rendering Fleet Management more Effective**

Yolanda Ursa, INMARK, Spain

**Personal Attribute Provider: A Secure Framework for Personal Attribute Exchange on the Internet**

Yoji Maeda, Next Generation Electronics Commerce Promotion Council of Japan (ECOM), Japan

11:30 Session 2f:

[eHealth 1: Issues & Case Studies](#)

Chair: [Asuman Dogac, Middle East Technical University, Turkey](#)

**Semantic Web in Medicine: The Role of Ontologies**

Paola di Giacomo, University La Sapienza of Rome, Italy

**Construction of a Process Model for the Integration of Formal Methods in the Development of Medical Guidelines**

Mar Marcos, Universitat Jaume I, Spain

**eChallenges in the Implementation of eHealth Services Over a Hybrid Network Architecture**

Angelina Kouroubali, Foundation for Research & Technology-Hellas, Greece

**Business Potential for e-Health Value-added Services: an Application on Orphan Drug Market**

Stefano Bianchi, Softeco Sismat S.p.A., Italy

11:30 Session 2g:

[SME Industrial Issues](#)

Chair: [Richard Stevens, Insiel SpA, Italy](#)

**An ICT-supported Methodology for Expert Identification in the Technology Monitoring Process**

Sven Schimpf, Fraunhofer IAO, Germany

**Towards Effective Knowledge Management: A Requirements Analysis of European Manufacturing SMEs**

Kathryn Cormican, CIMRU, NUI Galway, Ireland

**Open Sources to Empower SMEs**

Henk de Poot, Telematica Instituut, Netherlands

**SME Interoperability Establishing Methodology: a Guided Roadmap for the Journey to Interoperability**

Igor Santos, European Software Institute, Spain

11:30 Session 2h:

[International Cooperation Issues](#)

Chair: [Philip Seltsikas, University of Surrey, United Kingdom](#)

**Multi-Stakeholder Partnerships: Mechanisms and Emerging Environments for International Collaboration**

Puvan J Selvanathan, Global Knowledge Partnership, Malaysia

**The Field of IS and Indian Reasoning: Making a Case for an Inclusive Research Agenda**

Sudhanshu Rai, Copenhagen Business School, Denmark

**Experiences and Approach to Exploitation for Large Research Projects**

María Aránzazu Toro Escudero, Telefónica I+D, Spain

## The PACE Exploitation Toolkit

Androkis Mavridis, ALTEC S.A., Greece

### 13:00 Lunch Time: Exhibition & Networking

#### 14:00 Session 3a: Networked Business 2: Applications

Chair: **Paul Schoensleben**, ETH Zurich, Switzerland

##### Existing Applications for Networked Business: Current State of Adoption on the basis of the latest e-Business W@tch Findings

Georgios Karageorgos, European Commission, Belgium

##### E-Med Tex-Net: Cluster for the Development of a Euro-Mediterranean Partnership Network in the Textile Clothing Sector

Hazem Abbas, Ain Shams University, Egypt

##### Business Integration for eServices in collaborative Car Breakdown Support

Tobias Brosze, FIR: Institute for Operations Management at RWTH Aachen, Germany

##### Economics of a Portal for Teenagers: Making Mix of Real and Virtual Life Profitable

Andrzej P. Urbanski, Poznan University of Technology, Poland

#### 14:00 Session 3b: eGovernment 2: Delivery & Assessment of eGovernment Services

Chair: **Sharon Dawes**, University at Albany/SUNY, United States

##### The 'Barcelona Model' of eGovernment

Jose-Ramon Rodriguez, City Council of Barcelona, Spain

##### An Intelligent Front-End for Government Websites

Peter Cruickshank, Napier University, United Kingdom

##### Mobile Services for Government

Ljupco Antovski, Institute of Informatics, The Former Yugoslav Republic of Macedonia

##### ORIENT: An Expert-based Tool for Assessing the User-Oriented of eServices

Alexandros Mourouzis, Foundation for Research and Technology-Hellas (FORTH), Greece

##### The e-Citizen Charter as an Instrument to boost e-Government

Matt Poelmans, ICTU (e-Citizen Programme), Netherlands

#### 14:00 Session 3c: Collaborative Working Environments 2: Case Studies

Chair: **Hans Schaffers**, Telematica Instituut, Netherlands

##### Towards the Experimental Work of Ubiquitous Workware and Collaboration

Masayoshi Furuya, Japan Business Machine and Information System Industries Association, Japan

##### Lessons Learned from the Successful Implementation of a Structured Change Management Approach

Andy Croft, United Kingdom

##### European Semantic Portal on Workplace Safety

Ainhoa Llorente Coto, ROBOTIKER FOUNDATION, Spain

##### Adoption of a Collaborative Working Environment by the European Research Community of Human Factors for Intelligent Transport Systems

Arnaud Bonnard, INRETS, France

#### 14:00 Session 3d: Technology Enhanced Learning 2: Learning Objects & Collaboration

Chair: **Stephan Raimer**, Wirtschaftsförderung und Technologietransfer Schleswig-Holstein GmbH, Germany

##### Making Learning Objects Useful with Semantic Web Services

Nuria De Lama, Atos Origin, Spain

##### Establishing Technical Quality Criteria for Learning Objects

Fredrik Paulsson, Umeå University, Sweden

##### European Schoolnet: Building a pan-European Learning Resource Exchange for Schools

Jim Ayre, Multimedia Ventures, United Kingdom

##### e-COMODE Services for the Implementation of Collaborative Modelling Environments in Schools

Esther Casado, Atos Origin SAE, Spain

#### 14:00 Session 3e: Smart & Virtual Organisations 2: Collaboration & Indicators

Chair: **Robert Alard**, ETH Zurich, Switzerland

##### Status and Trends in the Coordination and Integration of Business Related Services into the Manufacturing Supply Chain

Bogdan Nitu, FIR, Germany

## Peer-to-Peer Based Lifecycle Management for Collaborative Business Processes

Philipp Walter, German Research Center for Artificial Intelligence (DFKI), Germany

## Ontology-Based Reusable Process Patterns for Collaborative Work Environments in the Construction Industry

Peter Katranuschkov, Dresden University of Technology, Germany

## icBENCH - Key Performance Indicators for the Portuguese Construction Industry

Henriqueta Nóoa, FEUP- Engineering Faculty of Porto, Portugal

#### 14:00 Session 3f: eHealth 2: Applications

Chair: **Dave Broster**, European Commission, Belgium

## ORTHOSIM: the European Simulation Service Provider (SSP) for Orthopaedic Surgery

Ana-Cruz García, Instituto de Biomecánica de Valencia, Spain

## A Framework for Decision Support Systems Creation: Application to the Cardiovascular Diseases Domain

Maria Tzima, Unit of Medical Technology and Intelligent Information Systems, Greece

## SAPHIRE: A Semantic Web Service based Clinical Guideline Deployment Infrastructure Exploiting IHE XDS

Gökçe Banu Laleci, Middle East Technical University, Turkey

#### 14:00 Session 3g: SME Collaboration & Integration Issues

Chair: **Peter Weiss**, AIFB, University of Karlsruhe, Germany

## Supporting E-Business Integration in North Wales

Thomas Kirkham, University of Wales Bangor, United Kingdom

## Advanced Web GIS-based Services for Increasing Competitiveness of SMEs in the European Wine Industry

Massimo Bertocini, Engineering Ingegneria Informatica, Italy

## Knowledge-based Collaborative Environment for SMEs in Construction Sector

Mikel Sorli, LABEIN, Spain

## A Sustainable Approach to Promote Collaboration among Europe's Small and Medium Enterprise Industrial Clusters

Jannicke Baalsrud Hauge, BIBA, Germany

#### 14:00 Session 3h: New Member States and Candidate Countries

Chair: **Jonathan Cave**, RAND Europe, United Kingdom

## Modeling ICT Diffusion

Iskra Popova, Mid Sweden University, Sweden

## Support Organisations to Benefit from European Initiatives: the Star-net Project

Gil Gonçalves, University of Porto, Portugal

## Regional Cooperation as a Way for Information Society Development in South-East Europe (SEE)

Marijana Vidas Bubanja, Stability Pact for SEE, Serbia

## An Approach in ERA Building – the Case of the Project ALIPRO

Borka Jerman Blazic, Jožef Stefan Institute, Slovenia

### 15:30 Coffee Break: Exhibition & Networking

#### 16:00 Session 4a: Networked Business 3: Issues & Applications

Chair: **Stefan Wesner**, High Performance Computing Centre Stuttgart, Germany

## Process-Based Performance Measurement of Networked Businesses

Thomas Matheis, German Research Center for Artificial Intelligence (DFKI), Germany

## A Multi-Agent Market Simulator to support Negotiation Decision Making

Maria João Viamonte, Instituto Superior de Engenharia do Porto, Portugal

## Enterprise Model Driven Creation of Business Protocols

Timo Kahl, DFKI, Germany

## Business Rule-enabled Process Modelling

Dirk Werth, DFKI, Germany

16:00 Session 4b: [eGovernment 3: Case Studies](#)

Chair: [Stephen Curwell, University of Salford, United Kingdom](#)

**Online Booking and Payment Services of Turin Municipality Structures and Services**

Franco Carcillo, City of Turin, Italy

**Online Delivery of Vehicle Registration Services in Slovenia**

Teja Batagelj, Ministry of Public Administration, Slovenia

**eGovernment Development in Lithuania**

Rimantas Gatautis, Kaunas University of Technology, Lithuania

**Virtual Planning through the use of Interoperable Environmental Simulations and OpenGIS GML**

Souheil Soubra, Centre Scientifique et Technique du Batiment, France

**eGovernment in Shanghai: The Exploration and Practice of Urban Management Based on Gridded Management Theory**

Yuanfang Wang, Shanghai Jiaotong University, China

16:00 Session 4c: [Collaborative Work 3: Living Labs](#)

Chair: [Jesse Marsh, Atelier Studio Associato, Italy](#)

**Wearable Computing and Living Labs – Synergy at Work**

Michael Boronowsky, TZI Universität Bremen, Germany

**Lessons Learned from Two Dutch Living Labs: Freeband & Kenniswijk**

Ingrid Mulder, Telematica Instituut, Netherlands

**Madeira Island Living Lab Rural Domain**

Tunde Kallai, X10D International IT Services Hungary Kft., Hungary

16:00 Workshop 4d: [Next Generation in Technology Enhanced Learning](#)

Chair: [Pierluigi Ritrovato, DIIMA-CRMPA, Italy](#)

**A Model for the Efficient Representation and Management of Online Collaborative Learning Interactions**

Santi Caballé, Open University of Catalonia, Spain

**Application of a Virtual Scientific Experiment Model in Different Educational Contexts**

Anna Pierri, CEMSAC, Italy

**Creation and Delivery of Adaptive Unit of Learning using the ELeGI Software Architecture: the VSE Model Implementation Case Study**

Pierluigi Ritrovato, DIIMA-CRMPA, Italy

**L4All - A Web-service based System for Lifelong Learners**

Alexandra Poulouvassilis, Birkbeck, University of London, United Kingdom

16:00 Session 4e: [Smart & Virtual Organisations 3: Product Related Issues](#)

Chair: [Bernhard Katzy, CeTIM, Germany](#)

**Towards a Process Reference Model for the Management of Industrial Services**

Andreas Nobs, ETH Zurich, Switzerland

**A Lean Solution for Modeling and Analysing Production Networks of SMEs**

Soeren Guenther, ETH Zurich, Switzerland

**Improving the Use and Exchange of Information in Industrial Service Organisations**

Andre Minkus, ETH-Zurich, Switzerland

14:00 Session 4f: [eHealth 3: Telemedicine Applications & Case Studies](#)

Chair: [Asuman Dogac, Middle East Technical University, Turkey](#)

**Effectiveness of International Trans-Telephonic ECG System Use in Clinical Practice for Patients Awaiting Elective CABG Surgery at Home**

Giedrius Vanagas, Kaunas University of Medicine, Lithuania

**Lyra: Home Hospitalisation Distributed Management System**

Vicente Traver Salcedo, ITACA, Spain

**Extension of Asynch-NET Architecture for Telemedicine: Network for Clinic Centers in the Rural Areas of Developing Countries**

Kenedy Greyson, University of Dar es Salaam, United Republic of Tanzania

**Performance Evaluation of a Flexible Framework Proposal for eGovernment Applications Using the Return Path of Digital Television**

Mauro Margalho Coutinho, UNAMA, Brazil

16:00 Workshop 4g: [Towards a Single European Information Space for SMEs](#)

Chair: [Michael Matthiesen, Universitaet Stuttgart, Germany](#)

**The SEEM path to a Single European Information Space**

Ricardo Goncalves, UNINOVA, Portugal

**Digital Ecosystems of Small Companies in the Enlarged Europe**

Flavio Bonfatti, University of Modena and Reggio Emilia, Italy

**Towards Ontology Based Information and Communication Systems in the Single European Information Space for SMEs**

Silvia Sancho Silvestre, AITEX, Spain

**Taking Advantage of STEP, MDA, and SOA to Push SMEs towards a Single European Information Space**

Carlos Agostinho, UNINOVA, Portugal

16:00 Workshop 4h:

[IST Initiatives in Africa](#)

Chair: [Paul Cunningham, IIMC Limited, Ireland](#)

**A Comparative Study of eAdoption Activities in South Africa and Mozambique**

Chris Morris, CSIR, South Africa

**e-Government and Architecture Principles Government Portal Case Study**

Lourino Chemane, UTICT, Mozambique

**An Assessment of E-Skills, ICT Policies, Strategies and Infrastructure in the Public Service in Botswana**

Dorothy Mpabanga, University of Botswana, Botswana

**eAdoption in Semi-Urban and Rural Communities in Tanzania**

Hamisi Nguli, Tanzania Commission for Science and Technology, United Republic of Tanzania

**Information and Data-sharing: Promoting Integration, Efficiency and Cost-effectiveness**

Henry Alamango, Commonwealth Network of IT for Development, Malta

17:30 Tutorial 5a:

[Networked Business 4: Current Research & FP7](#)

**Networked Business: Current Research & Future Directions**

Marion Le Louarn, European Commission, Belgium

17:30 Tutorial 5b:

[eGovernment 4: Current Research & Future Funding](#)

**eGovernment and eParticipation: The Way Forward**

Per Blixt, European Commission, Belgium

17:30 Tutorial 5c:

[Collaborative Working Environments 4: Current Research & FP7](#)

**Collaborative Working Environments: Current Research & Future Directions**

Bror Salmelin, European Commission, Belgium

17:30 Tutorial 5d:

[Technology-Enhanced Learning 4: Current Research & FP7](#)

**Technology Enhanced Learning: Current Research & Future Directions**

Marco Marsella, European Commission, Luxembourg

17:30 Tutorial 5e:

[GRID - Current Research & FP7](#)

**GRID: Current Research & Future Directions**

Max Lemke, European Commission, Belgium

17:30 Tutorial 5f:

[Results from RFID Consultation](#)

**State-of-Play on Commissions' RFID Consultation Activities**

Peter Fatelnig, European Commission, Belgium

17:30 Tutorial 5g:

[Knowledge & Content Technologies: Current Research & FP7](#)

**Knowledge & Content Technologies: Current Research & Future Directions**

Roberto Cencioni, European Commission, Luxembourg

17:30 Tutorial 5h:

[Software Technologies Current Research & FP7](#)

**Software Technologies: Current Research & Future Directions**

Arian Zwegers, European Commission, Brussels

20:00

Gala Dinner





Thursday,  
October 26,  
2006

09:00 Session 6a: **Networked Business 5: Interoperability Architecture Issues**

Chair: **Marion Le Louarn, European Commission, Belgium**

**A Validation Architecture for Advanced Interoperability Provisioning**  
Nenad Ivezić, National Institute of Standards and Technology, United States

**Federated Message-based Architecture for eBusiness Interoperability in New Member States SMEs**  
Gerald Knoll, Fraunhofer IPA, Germany

**The Requirement for an Interoperability Service: Power-Distribution in an eBusiness World**  
Lutz Schubert, HLRS, Germany

**Using Onion Routing to Secure Peer-to-Peer based Business Collaboration**  
Fabian Stäber, Siemens AG, Germany

09:00 Session 6b: **eGovernment 4: Regional Government Case Studies**

Chair: **Gareth MacNaughton, Hewlett-Packard Europe, Belgium**

**From Technological Determinism to Regional Development: Lessons Learned from the Portuguese Digital Cities Program (1998-2006)**  
Jose Moutinho, Technical University of Lisbon, Portugal

**Secure Access to Local Government Online Services: the Case of Lombardy**  
Walter Castelnovo, Università dell'Insubria, Italy

**Open Source Software in Small City Governments and for Promoting Regional Entrepreneurship**  
Antao Moura, UFCG, Brazil

**How to Avoid the Transformation of Barriers to OS Adoption in Public Administration into Barriers for Regional Development**  
Julia Velkova, Internet Society Bulgaria, Bulgaria

**eGovernment Strategic Planning for Local Administration: Work in Progress**  
Maria R. Osuna Alarcón, Universidad de Salamanca, Spain

09:00 Workshop 6c: **Co-creative Living Labs**

Chair: **Marika Kaliff & Angelos Ktenas, European Commission, Belgium**

**The European Network of LivingLabs for CWE - User-Centric Co-creation and Innovation**  
Annika Sällström, Luleå University of Technology, Sweden

**Creating Environments where Innovation can Emerge: Human Factors in CWE Design**  
Paolo Martinez, Firenze Tecnologia, Italy

**Living Labs for Collaborative Working Environments - A Multi-Agent System Architecture Proposal**  
Esteve Almirall, UPC, Spain

**Exploring European Innovation through Diversity and Regional Collaboration**  
Sascha Haselmayer, Interlace-Invent, Spain

09:00 Session 6d: **ICT in Educational Environments**

Chair: **Kim Davis, Research Council of Norway, Norway**

**Turning the Internet Around – e-Me: The Students Ideal e-Service**  
Lars Albinsson, University College of Borås, Sweden

**Designing On-Line Discussion Forums Centered on Learners**  
Katherine Chiluiza, Escuela Superior Politécnica del Litoral, Ecuador

**Cost-Effective ICT Management in Educational Environments: the OASIS Project**  
Francisco Javier Ruiz Piñar, ETSI Telecomunicación - Universidad Politécnica de Madrid, Spain

**The "Net in Schools" Project**  
Ivana Soljacic Richter, Croatian Telecom Inc., Croatia

9:00 Workshop 6e: **Virtual Organisations and Supportive ICT**

Chair: **Roberto Santoro, Collaborative Engineering, Italy & Iiro Salkari, VTT Technical Research Centre of Finland**

**A Professional Virtual Communities ICT Infrastructure**  
Sergio Gusmeroli, TXT e-solutions, Italy

**An Approach to Configuration of Virtual Organisation Management Services**  
Iiro Salkari, VTT Technical Research Centre of Finland, Finland

**Demonstration of a Functioning Social & Business Networking Application of the Advanced collaborative Platform for Professional Virtual Communities**  
Gergely Doszpod, AIESEC International, The Netherlands

**ICT Use and Shared Understanding in Virtual Teams: Insights from Six Case Studies**  
Joris de Rooij, Delft University of Technology, Netherlands

09:00 Session 6f: **eHealth 4: Hospital Applications & Case Studies**

Chair: **Paul Cunningham, IIMC Limited, Ireland**

**ERDDS - A Test Case for the Integration of the European Radiology Sector**  
Enrico Morten, Softeco Sismat SpA, Italy

**Analysis of Medical Data in the Belgian Public Health Insurance, Aiming to Improve Data Warehousing and Communication**  
Nick De Swaef, Landsbond Neutrale Ziekenfondsen, Belgium

**Compliance Improvement Using Intelligent Electronic Forms**  
Axel Saffran, intarsys consulting GmbH, Germany

**3D Human - An Interactive Human Anatomy Browser using Ultra Compact Shape Representation**  
Valery Rutkovskiy, Krasnoyarsk State Technical University, Russia

09:00 Workshop 6g: **SME Support Integration in FP7**

Chair: **Tanja Vos, Instituto Tecnológico de Informática, Spain**

**Collaborating into the Future: Empowering SMEs to Innovate – Long-term, Self-defined, Collaboratively**  
Katrin Reschwamm, Fraunhofer IFF, Germany

**Improving the Support to SMEs by Streamlining Partner Search Facilities**  
Eric ACW van Pelt, SenterNovem, Netherlands

**The Main Goals of the National Technology Platforms - the Spanish Case**  
Diego Soro, AETIC, Spain

**Engines of Change: IT and Complexity are Shaping Tomorrow's World**  
Florin Munteanu, Center for Complexity Studies, Romania

**Enterprise Groupings**  
Rick Hartwig, The European Association of Innovating SMEs, Belgium

**Integrating Indian SMEs to participate in the IST programme**  
Surbhi Sharma, ITSMA-Interactive Technology, Software and Media Association, India

09:00 Session 6h: **eAdoption**

Chair: **Jesse Marsh, Atelier Studio Associato, Italy**

**A Tool for the Calculation of the eReadiness**  
Claudia Thonabauer, JK University of Linz, Austria

**Automatic Benchmarking and Presentation of the First Results from the European Internet Accessibility Observatory**  
Mikael Snaprud, Agder University College, Norway

**eBusiness Adoption Benchmarking for the Region, Challenges and Practises**  
Stanislaw Wrycza, University of Gdansk, Poland

10:30 Coffee Break: **Exhibition & Networking**

11:00 Workshop 7a: **Business Interoperability**

Chair: **Man-Sze Li, IC Focus, United Kingdom**

**Evolution of Business Interoperability in the Automotive Industry**  
Kristin Wende, University of St. Gallen, Switzerland

**Assessing the Value of Interoperability: An Example from the Automotive Industry**  
Baptiste Lebreton, INSEAD, France

**Semantic Reconciliation of Business Documents in a SOA Framework**  
Lorenzo Pondrelli, Gruppo Formula, Italy

**Future Markets for Enterprise Interoperability: Some Issues for Consideration**  
Man-Sze Li, IC Focus, United Kingdom

11:00 Session 7b: [Security, Privacy & Identity Management](#)

Chair: [Pete Bramhall, Hewlett-Packard Laboratories Europe, United Kingdom](#)

**Realizing Advanced Security Requirements for Inter-organizational Workflows**

Andrea Nowak, ARC Seibersdorf Research GmbH, Austria

**European Federated Identity Management Key Concepts through the Fidelity Approach**

Davoux Alexis, France Telecom R&D, France

**Best Practices in Federated Identity Scenarios**

Manel Medina, Universitat Politècnica Catalunya, Spain

**Hidden in Plain Sight – the Privacy Implications of Biometrics**

Jonathan Cave, RAND Europe, United Kingdom

**"TEOFRAS" – A Biometric System Based on Users' Identification Through Handwriting Dynamics**

Pavel Lozhnikov, SibADI, Russian Federation

11:00 Workshop 7c: [ICT Supporting Emergency Response & Management](#)

Chair: [Georgios Tselentis, European Commission, Belgium](#)

**Advanced Mobile Services for Search And Rescue (SAR)**

Rainer Koch, University of Paderborn, Germany

**A Peer to Peer Mobile Collaboration Model for Emergency Response**

Dimitris Baltas, ATC ROM SRL, Romania

**Improving Incident Management through the Provision of Accurate Indoor/Outdoor Location Information and Location Based Services for the Emergency Services**

Simon Labbett, Sussex Police, United Kingdom

**Playing with Fire – Towards Innovative Yet Safe and Usable ICT support in Emergency Response through Experience Prototyping**

Markus Klann, Fraunhofer FIT, Germany

11:00 Session 7d: [Technology Enhanced Learning & Skills Assessment](#)

Chair: [David Esteban, TECHFORCE S.L., Spain](#)

**Benchmarking Lifelong Learning and eLearning in Regions: Measuring What Really Counts**

Karsten Gareis, empirica GmbH, Germany

**Measuring and Benchmarking Digital Literacy Strategies and Efforts: the BENTLI Project**

Manon van Leeuwen, Fundecyt, Spain

**Performance-centered e-Learning in the Framework of Industry/ University Partnership**

Catalina Martínez Mediano, Spanish University for Distance Education, Spain

**A Survey of ECDL "Graduates" in Italy**

Fulvia Sala, AICA, Italy

11:00 Workshop 7e: [Business Models - Based on Innovative Collaboration Infrastructures](#)

Chair: [Martin Hafner, University of Hohenheim, Germany](#)

**Process-Logic based Value Networks for Mobile Grid Technology as Business Collaboration Infrastructure**

Martin Hafner, University of Hohenheim, Germany

**Private Business Infrastructures in a VO Environment**

Stefan Wesner, HRLS, Germany

**The Rise of BCI Service Providers**

Geleyn Meijer, LogicaCMG, Netherlands

11:00 Session 7f: [eHealth 5: National & Regional Case Studies](#)

Chair: [Richard Stevens, Insiel SpA, Italy](#)

**The CRS-SISS Project: A Regional Strategy for e-Health**

Claudio Beretta, Regione Lombardia, Italy

**Citizen-Centric e-Healthcare Management Based on XML Web Services**

Masakazu Ohashi, Chuo University, Japan

**How the Portuguese are using the Internet for Health Purposes**

Silvina Santana, University of Aveiro, Portugal

**Digital Hospital Infrastructure: How to Build the Hospital of the Future Now**

Baldur Johnsen, Hewlett-Packard, Switzerland

11:00 Session 7g: [Mobility 1: Issues](#)

Chair: [Mícheál Ó Foghlú, TSSG, WIT, Ireland](#)

**Universal Ethernet Telecommunications Service: Towards a New Layer 2 based Internet**

Jose Morales Barroso, L&M Data Communications, Spain

**Ultra-wide Band: A Radio Technology to Widen the Business Models**

Jorge Hernández Pablo, Telefónica I+D, Spain

**On the Benefit of Using Mobile Technologies in Business Processes**

Sina Deibert, University Mannheim, Germany

**AML Technology Based Business Improvements in Manufacturing SMEs**

Uwe Kirchhoff, ATB, Germany

11:00 Session 7h: [eInclusion](#)

Chair: [Valerie Gregg, University of Southern California, United States](#)

**eInclusion – Towards a Coherent European Policy Response to Social Inequalities in the Information Society**

Ingo Meyer, empirica, Germany

**Designing ICT for Older People**

John Waterworth, Umea University, Sweden

**Advanced Technology and Interact for Interactive Speech Impediment Therapy**

Dora Csendes, University of Szeged, Hungary

12:30 Lunch Time: [Exhibition & Networking](#)

14:00 Workshop 8a: [Contracting in an eBusiness Environment I](#)

Chair: [Bastian Koller, HRLS, Germany](#)

**Contractual Frameworks for Enterprise Networks and Virtual Organisations in eLearning**

Tobias Mahler, Norwegian Research Center for Computers and Law, Norway

**Towards Autonomous Brokered SLA Negotiation**

Peer Hasselmeyer, NEC Europe Ltd., Germany

**An Enhanced Strategy for SLA Management in the Business Context of New Mobile Dynamic VO**

Francesco D'Andria, Atos Origin, Spain

**Filling The Gap Between SLA And Monitoring**

Olivier Nano, Microsoft, Germany

14:00 Workshop 8b: [Coordinating eGovernment R&D Support in Europe: How to Best Reach the European Research Agenda](#)

Chair: [Kim Davis, Research Council of Norway, Norway](#)

**eGOVERNMENT – European eGovernment Research Funding Agency Network**

Colm Butler, Department of the Taoiseach, Ireland

**Research and Development for Innovation in the Public Sector – A National Agenda for Renewal**

Trond Knudsen, The Research Council of Norway, Norway

**Innovative Development of Cross-Boundary Public eServices**

Madeleine Siösteen Thiel, VINNOVA (Swedish Governmental Agency for Innovation Systems), Sweden

14:00 Workshop 8c: [Breaking Rural Development Barriers Through Collaborative Working Environments Related Technologies](#)

Chair: [Krystyna Marek, European Commission, Belgium](#)

**Exploiting Spatial Data Infrastructures for Rural Mobility**

Michael Gould, GeoSpatial Partners, Spain

**Wireless Technologies Enhancing Collaborative Involvement and Bridging over Water in the Turku Archipelago**

Patrizia Hongisto, Helsinki School of Business, Finland

**AML@Work Family of Communities Facilitating e-Work and e-Business Innovation and Implementation of the i2010 Initiative**

Adam Turowiec, University of Adam Mickiewicz, Poland

14:00 Workshop 8d: [ICT Skills - Towards the Harmonisation of Certification Schemes](#)

Chair: [Wolffried Stucky, CEPIS, Germany](#)

**i2010 Initiative First Annual Report 2005 - Living Labs Network and e-Skills in the New Work Place Strategy**

Angelos Ktenas, European Commission, Belgium

**Survey of Certification Schemes of ICT Professionals across Europe towards Harmonisation - The Harmonise Project**

Peter Weiss, AIFB, University of Karlsruhe, Germany

**ICT Competences and Learning Developments: the eCCO Portal in Italy**

Clementina Marinoni & Roberto Bellini, Fondazione Politecnico di Milano, Italy

14:00 Workshop 8e: **Grid Economics**

Chair: **Maria Tsakali, European Commission, Belgium**

- Incentives for Resource Provision in Scientific Grids**  
Stavros Routzounis, Athens University of Economics and Business, Greece
- Economic Modeling of Grid Services**  
Jörn Altmann, International University Bruchsal, Germany
- Techno-Economic Analysis for Open Grid Services**  
Junseok Hwang, Seoul National University, Republic of Korea
- Self-Organizing ICT Resource Management - Policy-based Automated Bidding**  
Dirk Neumann, University of Karlsruhe, Germany

14:00 Workshop 8f: **Boosting eGovernment Adoption through Interoperability: the Terregov project**

Chair: **Marco Di Girolamo, Hewlett-Packard, Italy**

- Assessment of eGovernment Services Market in Europe**  
Norbert Benamou, Business Flow Consulting, France
- Regional Service Centers: the HP Approach to Foster eGovernment Services Adoption**  
Lorenzo Castelli, Hewlett-Packard, Italy
- Organizational Barriers to eGovernment Adoption for Civil Servants**  
Alain Keravel, HEC, France
- Terregov Open Architecture and Open Source Software Repository**  
Maria Pérez Ortega, GFI Informática, Spain

14:00 Session 8g: **Mobility 2: Applications**

Chair: **Stefan Wesner, High Performance Computing Centre Stuttgart, Germany**

- Self-adaptive Applications on the Fly for Mobile Users**  
Jose Manuel Sanchez, IntegraSys, Spain
- A Multimedia Service Platform for Enterprises over Multiple Wireless Networks**  
Alvaro Canivell, Escuela Técnica Superior de Ingeniería de Sevilla, Spain
- A Novel Context-aware System Based on a Bluetooth Sensor Network**  
Carlos Fernández Herranz, Universidade da Coruña, Spain
- Implementation of WiMAX over GSM/GPRS Networks**  
Naveed Ali Kaim Khani, The French South African Technical Institute in Electronics, South Africa

14:00 Session 8h: **eTourism/Cultural Heritage**

Chair: **Alvaro Oliveira, Alfamicro, Lda., Portugal**

- A Context-aware eTourism Application Enabling Collaboration and Knowledge Exchange among Tourists**  
Federica Paganelli, CNIT, Italy
- Agamemnon: A Multimedia Guide to Archaeological Sites on Mobile Phones**  
Matteo Villa, TXT e-Solutions, Italy
- A Mobile Tourist Guide**  
Izaskun Mendia, Fundación ROBOTIKER, Spain
- Incorporating User Requirements of the Disabled Traveller Market in Developing an Inclusive e-Marketplace for Accessible Tourism in Europe: Technical Challenges**  
Dimitrios Buhalis, University of Surrey, United Kingdom

15:30 Coffee Break: **Exhibition & Networking**

16:00 Workshop 9a: **Contracting in an eBusiness Environment II**

Chair: **Bastian Koller, HLRS, Germany**

- Negotiating Contracts on the Grid**  
Dean Kuo, University of Manchester, United Kingdom
- Challenges in EU Grid Contracts**  
Michael Parkin, The University of Manchester, United Kingdom
- Service Level Agreements and Regulatory Compliance in eBusiness**  
Peter Matthews, Computer Associates, United Kingdom

16:00 Session 9b: **eVoting & eParticipation**

Chair: **Gareth MacNaughton, Hewlett Packard Europe, Belgium**

- Integrating Internet Voting within Democracy Suite - Automated Election Workflow**  
Goran Obradovic, Dominion Voting Systems Corporation, Canada

**The Paradigmatic Case of Electronic Voting in Switzerland: The Case of Neuchâtel**

Gerard Cervelló, Scytl Online World Security S.A., Spain

**Managing Security Risks in eVoting over the Internet**

Jaak Tepandi, Tallinn University of Technology, Estonia

**The Gov2DemOSS eParticipation Platform: A New Era Tool for eDemocracy Implementation**

Vasilis Koulolias, Gov2u, Greece

**Evaluation of the eParticipate project - The Use of Webcasting to Support and Encourage eParticipation**

Catherine Howe, Public-i, United Kingdom

16:00 Workshop 9c: **Collaborative Games for Leisure and Edutainment**

Chair: **Leonie Schaefer, European Commission, Belgium**

**Using Serious Games to Improve European Competitiveness**

Bjorn Andersen, SINTEF, Norway

**A Case Study of Applying Agile Principles to Build a Serious Game in Strategic Manufacturing**

Alvaro Oliveira, Alfamicro, Portugal

**Exploring Mixed Reality Gaming Interfaces**

Irma Lindt, Fraunhofer FIT, Germany

**Gaming and Social Interaction in Mediated Environments: the PASION Project**

Ben Kirman, University of Lincoln, United Kingdom

**From Edutainment to Innovation – Developing a New Playground for Serious Games**

Jacob Jaskov, Learning Lab Denmark, Denmark

16:00 Workshop 9d: **Europe's Strategic Research Agenda to Deliver Secure, Dependable & Resilient European ICT Technologies to empower the citizen and Protect Critical Infrastructure**

Chair: **Jim Clarke, TSSG, WIT, Ireland**

**SecurIST: Security & Dependability to Empower the Citizen in the 21st Century**

Jim Clarke, TSSG, WIT, Ireland

**ECOM Long Term Electronic Signature Plugtest**

Kenji Urushima, Entrust Japan Co., Ltd., Japan

**Bringing together the European Stakeholders for Security and Dependability**

Aljosa Pasic, Atos Origin, Spain

16:00 Session 9e: **Innovation**

Chair: **Philip Seltsikas, University of Surrey, United Kingdom**

**Personalization Strategies and Practices for Innovation**

Robert Verburg, Delft University of Technology, Netherlands

**Harnessing the Competitive Advantages of Disruptive Innovation**

Jose Antonio Estevez Garcia, Atos Origin, Spain

**Semantic Web-based Product Modelling, Ontologies and Configurators**

Peter Bonsma, TNO, Netherlands

**Smart Prediction Assistant: An Innovative Customer Intelligence Platform for Next Generation Ambient Recommender Systems**

Gustavo Gonzalez-Sanchez, University of Girona - Agents Research Lab, Spain

16:00 Session 9f: **Knowledge Management 1: Issues & Applications**

Chair: **Jonathan Sage, IBM Business Consulting Services, U.K.**

**Knowledge Management - A Multidisciplinary Survey**

Mounib Mekhilef, CRSA-ECP, France

**Virtual Knowledge Networks, a Typology**

J.H.Erik Andriessen, Delft University of Technology, Netherlands

**Ontology based Search and Storage of Market Information**

Wolf Engelbach, Fraunhofer IAO, Germany

16:00 Session 9g:

Mobility 3: Case Studies

Chair: **Mícheál Ó Foghlú, TSSG, WIT, Ireland**

**Context-aware Service Coordination for Mobile Users**

Cesar Caceres, University Rey Juan Carlos, Spain

**Mobile Applications to Enhance Mobile Services- Case Study of Java Mobile Client**

Heli Helaakoski, VTT Electronics, Finland

**Workflow Technologies for a Virtual ISP**

Yuri Glickman, Fraunhofer FOKUS, Germany

16:00 Session 9h:

Digital Content 1: Issues

Chair: **Roger Wallis, Royal Institute of Technology, Sweden**

**Popular Culture as a Driver of Internet Use**

Håkan Selg, Royal Institute of Technology (KTH), Sweden

**On-line Consumers – What Exactly Do They Share, Download and Stream?**

Anders Edström-Frejman, Royal Institute of Technology, KTH, Sweden

**Thieves or Customers? Down loaders and File Shares in the Digital World**

Olle Findahl, World Internet Institute, Sweden

**The IPR Regime and the Open Source/Open Content Movement – Complementary or on a Collision Course?**

Roger Wallis, Royal Institute of Technology, Sweden

18:00 Networking Reception

Exhibition & Networking

**3** Friday,  
October 27,  
2006  
**DAY**

09:00 Workshop 10a:

**NESSI - the European Software and Services Technology Platform**

Chair: **Frederic Gittler, HP Labs, France**

**NESSI Challenges**

Véronique Pevtschin, Software AG, Belgium

**SOA Development based on Enterprise Models and Existing IT Systems**

Jörg Ziemann, German Research Center for Artificial Intelligence (DFKI), Germany

**NESSI e-Health: Accelerating the Impact of Information and Communication Technologies in the e-Health domain in Europe**

Blanca Jordan, Atos Origin, Spain

**NESSI SRA**

Stefano De Panfilis, Engineering Ingegneria Informatica, Italy

09:00 Workshop 10b

**eGovernment 2020 Roadmap**

Chair: **Bernhard Katzy, CeTIM, Germany**

**The ICT Policy Mix for eGovernment, eContent, eBusiness and eWork - An Integrated and Prospective Policy Analysis**

Martijn Poel, TNO ICT, Netherlands

**Scenarios for eGovernment 2020 and Roadmap for Future eGovernment Research in Europe**

Melanie Bicking, University of Koblenz-Landau, Germany

**Pan-European eGovernment: To boldly go where few have gone before**

Rifka Weehuizen, UNU-MERIT, Netherlands

09:00 Workshop 10c:

**Online Communities of Practice**

Chair: **Flavius Sturm, Fraunhofer Institute for Industrial Engineering, Germany**

**Cultural Aspects in Online Communities of Practice: How to deal with them?**

Flavius Sturm, Fraunhofer Institute for Industrial Engineering, Germany

**Language and Cultural Barriers in International Cooperation**

Corinna Flöck, CRSA-ECP, France

**Setting up Communities of Practice for Innovative Russian SMEs**

Johann Riedel, University of Nottingham, United Kingdom

09:00 Workshop 10d: **Legal and Regulatory Challenges for IST and Way Forward**

Chair: **Tarek Hassan, Loughborough University, United Kingdom**

**General Introduction to the Workshop**

Tarek Hassan, Loughborough University, United Kingdom

**Synopsis of the LEGAL-IST Project – Aims, Objectives, Results**

Marco Conte, ESoCE-Net, Italy

**Legal Issues in Open Source Software**

Zoe Kardasiadou, Centre for International and European Economic Law, Greece

**Legal Issues of Software Agents**

Giuseppe Contissa, Alma Mater Studiorum Università di Bologna, Italy

**Legal Services offered by LEGAL-IST**

Marco Conte, ESoCE-Net, Italy

**The LEGAL-IST Intermediate Roadmap: Generation and Visualisation**

Irina Neaga, Loughborough University, United Kingdom

**State-of-the-art of Legal Research in IST and Way Forward**

Leena Pullmann, University of Goettingen, Germany

09:00 Workshop 10e:

**Intelligent Transport Systems**

Chair: **Antonio Marqués, ETRA I+D, Spain**

**Cooperative Sensors for Smarter Transport Systems**

Manuel Serrano, ETRA I+D, Spain

**Avenues for Detectors Exploitation in Traffic Modelling**

Sergio Grosso, University of Newcastle / PTV, United Kingdom

**Middleware for Wireless Cooperation in Embedded Systems in ITS**

Daniel Minder, University of Stuttgart, Germany

**ICT Based Mobility in the Livorno Area**

Paolo Frosini, Regione Toscana, Italy

09:00 Session 10f:

**Knowledge Management 2: Applications**

Chair: **Peter Stanbridge, Korora Limited, United Kingdom**

**New Linguistic-based Ontology-enabled Approaches in Biological Information Management**

Andras Kocsor, University of Szeged, Hungary

**Analytic Information Services for the European Research Area**

Brigitte Joerg, DFKI GmbH, Germany

**An Ontology-based Software Solution Using Semantic Technologies to Support Interoperability in a Business Network**

Juha Tuikkanen, VTT, Finland

**An Adjustable Knowledge Internet Portal for Support of Research and Business Activity**

Yury Zagorulko, A.P. Ershov Institute of Informatics Systems, Russian Academy of Sciences, Russian Federation

09:00 Workshop 10g: **Aspects of Pervasive Computing I**

Chair: **Kevin Doolin, TSSG, Waterford Institute of Technology, Ireland**

**Dynamic Session Management: Supporting Global User Mobility**

Fiona Mahon, TSSG, Ireland

**A Context Awareness Framework for Telecommunication Environments**

Carsten Pils, Waterford Institute of Technology, Ireland

**Redirecting Communication in a Pervasive System**

Elizabeth Papadopoulou, Heriot Watt University, United Kingdom

**A Business Case for Pervasive Services**

Robert Mullins, TSSG, WIT, Ireland

09:00 Session 10h: **Digital Content 2**

Chair: **Roger Wallis, Royal Institute of Technology, Sweden**

**User Oriented Business Models in P2P Services**

Lars-Erik Eriksson, Royal Institute of Technology, Sweden

**DRM Application in the eCHASE Project**

Marco Di Girolamo, Hewlett-Packard, Italy

**Electronic Program Guide in the Context of Multimodal and Ubiquitous**

**Multimedia Service Provisioning**

Kostas Tsagkaris, UPRC, Greece

10:30 Coffee Break: **Exhibition & Networking**

11:00 Workshop 11a: **Towards Interoperability: Studying Standardisation for ICT & e-Business**

Chair: **Kai Jakobs, Aachen University, Germany**

**Open Standards and New Deliverables**

Kai Jakobs, Aachen University, Germany

**The Interface between Research and Standardisation**

Heide Coenen, RWTH Aachen University, Germany

**The Analysis of Standardised Technology in the Automotive Industry**

Martina Gerst, University of Edinburgh, United Kingdom

**Providing a Semantic Description for an Interoperability Framework using Ontologies**

Piero de Sabbata, ENEA, Italy

**Semantic Interoperability for Governments: Approaches for Model-based Development of Standardized Information Exchange**

Jack Verhoosel, TNO Information and Communication Technology, Netherlands

11:00 Workshop 11b: **The eParticipation Research Challenges**

Co-Chairs: **Efthimios Tambouris, CERTH/ITI and University of Macedonia, Greece & Ann Macintosh, International Teledemocracy Centre, United Kingdom**

**DEMO-net as a Collaborative Strategy to Support eParticipation Researchers**

Efthimios Tambouris, CERTH, Greece

**eParticipation in Policy-making: the Research and the Challenge**

Ann Macintosh, International Teledemocracy Centre, United Kingdom

**Some Research Lessons from the e-Community Forums in the Western Cape of South Africa**

Wallace Taylor, Cape Peninsula University of Technology, South Africa

**e-Participation Management: Policy-input from DEMO-Net**

Kim Viborg Andersen, Copenhagen Business School, Denmark

11:00 Workshop 11c: **Defining Collaborative Working Environments: Present & Future**

Chair: **Bror Salmelin, European Commission, Belgium**

**The Way towards a Technology Platform in Collaborative Working Environments: EC Vision**

Bror Salmelin, European Commission, Belgium

**CLOCK: Challenges of Collaborative Working Environments**

Lydia Montandon, Atos Origin, Spain

**Network 4 Value - Value Creation by Networking; Study Results and Roadmap for Research**

Veli-Pekka Niitamo, Nokia, Finland

**Linking CWE and LL to the Innovation Process**

Angelos Ktenas, European Commission, Belgium

11:00 Workshop 11d: **RFID Challenges**

Chair: **Jonathan Cave, RAND Europe, United Kingdom**

11:00 Workshop 11e: **Implementing Sustainable eServices for Citizens and Business**

Chair: **Emile Normann, European Commission, Belgium**

**How Sustainable Service Deployment Requires a Clear Perspective of End-users' Needs – the Case of the RoboBraille Service**

Lars Ballieu Christensen, Synscenter Refsnæs, Denmark

**Getting the Right Partnership for Deploying Services at a Trans-European Scale**

Tarmo Sumeri, AS Andmevara, Estonia

**The Importance of a Sound Business Case when going to the European Market**

Thanos Giamas, Metis Net Ltd., Greece

**The Value of Good Practice Transfer in Ensuring Sustainable eServices across Europe**

Francois Heinderyckx, eForum and Université Libre de Bruxelles, Belgium

11:00 Session 11f: **Knowledge Management 3: Case Studies**

Chair: **Peter Stanbridge, Korora Limited, United Kingdom**

**Leveraging Semantic Web Technologies to Integrate Information Related to Academic Papers**

Martin Svihla, Czech Technical University in Prague, Czech Republic

**A Knowledge Based approach to integrate heterogeneous Web Applications in organizations**

Mauro Gaspari, University of Bologna, Italy

**Wikis, Deduction Machines and Innovation: A Semantic-Reasoning-Wiki as a Strategic Innovation Tool for Architects and Designers**

Stefan Knecht, System One GmbH, Germany

11:00 Session 11g: **Aspects of Pervasive Computing II**

Chair: **Kevin Doolin, TSSG, Waterford Institute of Technology, Ireland**

**Developing a Pervasive System for a Mobile Environment**

Howard Williams, Heriot-Watt University, United Kingdom

**Integrating and Demonstrating Pervasiveness in a Scenario-driven Approach**

Patrick Robertson, German Aerospace Center, Germany

**Large-scale Interoperability, Integrating the Daidalos Project**

Miguel Ponce de Leon, Waterford Institute of Technology, Ireland

11:00 Workshop 11h: **Delivering the i2010 Vision**

Chair:

**i2010: eChallenges Ahead?**

Anne Troye, European Commission, Belgium

**Benchmarking in i2010: Recent Trends**

Luca Protti, European Commission, Belgium

**An Industry Perspective on Growth and Employment in Europe**

Benoît Müller, Business Software Alliance, Belgium

12:30 Lunch Time: **Exhibition & Networking**

13:30 Closing Plenary 11a

Chair: **Rosalie Zobel, European Commission, Belgium**

**The Impact of ICT on Energy Efficiency**

Rosalie Zobel, European Commission, Belgium

**Research and Innovation - a Global Industry Perspective**

Matthias Kaiserswerth, VP Research, Director Zurich Research Laboratory, IBM

**Connecting Partners**

Auke Leenstra, Ministry of Economic Affairs, Netherlands

**Overview of Workshop Findings**

Paul Cunningham, IIMC Limited, Ireland

**Award Ceremony**

Best Paper Award

Best Exhibition Stand Award

## Social Programme

In addition to a comprehensive Partners Programme during the Conference, there is a Post-Conference Programme, giving delegates the opportunity to see more of Barcelona, appreciate the Catalunyan countryside and make **eChallenges e-2006** a valuable & enjoyable break for you and your partner.

## Partners' Programme

During the three days of the Conference, there is a Partners Social Programme. The **Accompanying Persons Programme** costs **€175**, which includes the Networking Cocktail Reception on Wednesday and full day tours on Wednesday, Thursday and Friday.

## Wednesday 25 October

### *Barcelona Sightseeing Tour - Full Day*

Discover Barcelona's major attractions as we drive and walk around the city. We will stop at all the major tourist sites, with plenty of time to get off the bus and explore. An English-speaking guide will travel with the group, providing a personal commentary on the city.

## Thursday 26 October

### *Montserrat & Cava Trail - Full Day*

Capture the heart of Catalunya on this trail to the iconic Montserrat and enjoy the sparkle in the rural wine cellars of one of the local wine makers. The day starts with a 4 hour visit to Montserrat to explore the monastic centre of Catalonia, home to the famous Black Virgin & la Escolania (boys choir). There is also time to explore the magnificent natural park & mountains with spectacular views over the plains of Catalunya. Following lunch (not included), the group will be transported along country roads to visit a regional wine maker, enjoy a chance to see how the wine is produced and even sample a bottle or two.

## Friday 27 October

### *Girona & Costa Brava - Full Day*

We journey to the Costa Brava and visit the colourful Roman city of Girona, a melting pot of different cultures. Explore the winding medieval streets of the Jewish quarter, the Arab baths and the grandeur of its Romanesque Cathedral. After 2 hours here, we head to the medieval village of Pals for lunch (not included). Afterwards, we follow the coastal route to admire the breath-taking seaviews, cliffs and coves of Costa Brava and Calella de Palafrugell, where we will stop briefly. We will then head back to Barcelona early so we can stop at Roca Village, a purpose built shopping-village, designed in traditional Spanish village style. This is popular, with many top brands selling the latest fashions at discounted prices.

## Post Conference Social Programme

## Saturday 28 October

### *Pyrenees & Historical Vic - Full Day*

A fantastic opportunity to experience the spectacular Pyrenees mountains on a tailor-made day excursion from Barcelona. First stop is Vic, a beautifully maintained historical town, before heading on to the stunning stone-built village of Queralbs. From here you can catch the rack railway high into the Pyrenees, where you will have the chance to spend the rest of the day exploring Vall De Nuria, a sanctuary of natural beauty and mountain grandeur. For those with experience of mountain walking, good walking shoes and a good level of fitness, the guide will accompany you down the mountain (3 hour walk). For those who prefer to explore Nuria, the guide will agree the latest train to be taken back to Queralbs to join the group for the return trip to Barcelona.

This tour costs **€67 per person** (which includes transport, guide, rail ticket to and from Nuria but does not include lunch). There are a number of restaurants on Nuria, with different price points. Alternatively you can buy a picnic in Vic, and bring it with you.

## Sunday 29 October

### *Tarragona & Glamorous Sitges - Full Day*

Tarragona is the old Roman capital of Iberia. Travel back in time and retrace the footsteps of Roman gladiators where chariots raced by, and walk across the magnificent Roman aqueduct. See the Old Quarter with its stunning cathedral. Then visit Roc de Sant Gaieta, a tiny Mediterranean village with its mix of Ibizan fishing houses, Seville-style patios and Roman-Greco influence. Finally, you will travel to Sitges to discover the Mediterranean atmosphere of this old fishing village with its shady streets, traditional houses, over a dozen beaches, cosmopolitan bars and restaurants.

This tour costs **€57 per person** (which includes transport and guide, but does not include lunch).

### *Barcelona Sightseeing Tour - Half Day*

For those who have flights home on Sunday evening, there is a half day optional tour of Barcelona. Discover Barcelona's major attractions as we drive and walk around the city. We will stop at all the major tourist sites, with plenty of time to get off the bus and explore. Our English-speaking guide will travel with the group and provide a personal commentary on the city. A full description of this tour is available on the conference portal. This tour costs **€25 per person** (which includes transport and guide, but does not include lunch).

## Registration Information

It is necessary for all **eChallenges e-2006** delegates to register separately online. Please use your existing log-in details for Online Registration.

## Conference Fees

### Authors Fees (Due by 30 June)

- Authors - EU New Member States (1), EU Candidate Countries (2) and Developing Countries (3) **€400**
- Authors - All countries except EU New Member States (1), Candidate Countries (2) and Developing Countries (3) **€500**

Please note that the author fee is only available to accepted presenters in the Programme (**one presenter per paper**). Co-authors who wish to participate should register as Delegates.

### Delegates' Fees - Early Bird (Due by 31 July)

- Early Bird - EU New Member States (1), EU Candidate Countries (2) and Developing Countries (3) **€540**
- Early Bird - All countries except EU New Member States (1), Candidate Countries (2) and Developing Countries (3) **€590**

### Delegates' Fees - Full Fee from 01 August

- Delegate Full Price **€695**

### The Conference Fee includes:

- Entrance to all plenary and parallel sessions
- Entrance to Exhibition
- Documentation with proceedings on CD-Rom
- Three luncheons and refreshments at morning and afternoon breaks
- Networking Cocktail Reception
- Gala Dinner
- Cyber Café facilities

**EU New Member States (2)** Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia, Slovenia

**EU Candidate Countries (3)** Bulgaria, Croatia, Romania, Turkey.

**Developing Countries (4)** **Africa** (Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroun, Cape Verde, Central African Republic, Chad, Comoros, Congo (Republic of), Congo (Democratic Republic of), Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome & Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia and Zimbabwe)

**Asia** (Bangladesh, Bhutan, Brunei, Cambodia, China, India, Indonesia, Laos, Malaysia, Maldives, Mongolia, Nepal, Pakistan, Philippines, Singapore, Sri Lanka, Thailand, Vietnam)

**Caribbean and Pacific Countries** (Antigua and Barbuda, Bahamas, Barbados, Belize, Cuba, Dominica, Dominican Republic, Grenada, Guyana, Haiti, Jamaica, St. Kitts & Nevis, St. Lucia, St. Vincent, Suriname, Trinidad & Tobago, Cook Islands, East Timor, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu)

**Latin America** (Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay, Venezuela)

**Mediterranean Partner Countries** (Algeria, Egypt, Israel, Jordan, Lebanon, Morocco, Syrian Arab Republic, Tunisia, West Bank & Gaza Strip)

**Russia & NIS** (Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan)

**Western Balkan Countries** (Albania, Bosnia-Herzegovina-Croatia, Former Yugoslav Republic of Macedonia, Serbia & Montenegro)

## Accompanying Person Programme

The **Accompanying Persons Programme** costs **€175**, which includes the 3 full day tours and the Networking Cocktail Reception on Wednesday.

## Terms & Conditions

1. All authors who are presenting a paper or making an oral presentation at **eChallenges e-2006** must complete payment registration online by **30 June** at the latest, prior to publication of the Final Programme.
2. In the case where a paper is jointly authored, the **presenter** of the paper is considered to be the author/presenter from a payment registration point of view. All co-authors are considered to be **delegates**.
3. Accepted Exhibitors (other than accepted presenters) must complete payment registration by **31 July**.
4. Delegates' fees must be paid before admission to the Conference and Exhibition.
5. IEEE Members are entitled to apply for a 10% discount on the appropriate fee. Please provide Membership No. as part of online registration and fax a copy of valid Membership card to +353-1-8170606.
6. There are **no refunds for cancellations** but substitutions may be made at any time prior to the event by contacting the Conference Secretariat.
7. Each individual must be registered separately on the **eChallenges e-2006** Conference portal.
8. Payment may be made by bank transfer or credit card (with some restrictions). Payments made by bank transfer must be **net of any bank charges** and the payment instruction should refer to "**eChallenges e-2006** Conference", your name, organisation and invoice number (if relevant).
9. Receipts are automatically issued electronically upon receipt of payment. If your organisation requires an invoice to process payment registration by bank transfer, please contact the Conference Secretariat.
10. Conference registration or hotel accommodation is not confirmed until full payment is received.
11. Online registration facilitates conference registration, booking of hotel accommodation, tours, attendance at Networking Cocktail Reception and Gala Dinner. It is possible to go back through online registration at any stage, book items not previously confirmed (such as accommodation and tours) and complete payment.
12. The Registration Desk will open on Tuesday 24 October from 16:00 to 19:30 and will remain open during normal Conference hours from 08:00 on Wednesday 25 October.



## Exhibition

**eChallenges e-2006 Exhibition** showcases research results and applications through technology demonstrations and posters, whether funded commercially, or at national, regional or European level. Participation in the Exhibition is rewarding, as it provides an opportunity to make international contacts and to build relationships with potential partners or clients from around the world. Exhibitors were selected based on a competitive Call published in May.

The Spanish ICT Pavilion showcases research results, applications, services and products by commercial, government and research organisations based in Spain.

## Posters

Poster Name	Organisation	Country
Embedded Middleware In Mobility Applications	ETRA Investigación y Desarroll	Spain
eSolutions for Training and European Thematic Programmes	Geonardo Ltd.	Hungary
GENESIS IST Project	National Technical University Athens	Greece
HOPS Project	Barcelona City Council	Spain
ICING Projec	Barcelona City Council	Spain
I European Summit on Interoperability in iGovernment	Valencian Regional Government	Spain
InCoCo-S Reference Framework for Service driven Manufacturing Supply Chains	Swiss Federal Institute of Technology (ETH)	Switzerland
INFRAWEBs - State-of-the-art in WSMO-based SWS usage	ATOS ORIGIN	Spain
IS2WEB	PLANET	Belgium
LUISA - Making Learning Objects useful with Semantic Web Services	ATOS ORIGIN	Spain
SEE Innovation	Centre for Social Innovation	Austria
Tenuta support for usability and accessibility	University of York	United Kingdom

## Demonstration Stands

Stand Name	Organisation	Country
Attentianet	Alcatel	Spain
Barcelona City Council	Ajuntament de Barcelona	Spain
Biometric Access Control	SeMarket SA	Spain
BRICKS Applications	ARC	Austria
Connected Holland	Ministry of Economic Affairs	Netherlands
ConferenceManager	IIMC Ltd	Ireland
DG Information Society & Media	European Commission	Belgium
Erik Network	Regione Toscana	Italy
eTEN Projects	European Commission	Belgium
European Land Information Service	Lantmäteriet	Sweden
Federated e-identity	TB-Security	Spain
Generalitat de Catalunya	Generalitat de Catalunya	Spain
G K P Global Knowledge	GKP	Malaysia
Hewlett-Packard	Hewlett-Packard	Italy/Spain
IBM	IBM	Belgium
ICARE project	AIM Group	Italy
IST RESULTS	Gopa Cartermill	Belgium
IST-Africa	IST-Africa Consortium	Sub-Saharan Africa
IST-BONUS	ARIES - Romanian Association for Electronic Industry and Software	Romania
Link Care	Universitat de Barcelona	Spain
NETC@RDS for eEHIC	GIE SESAM-VITALE	France
OpenAdap.net	University of Lausanne	Switzerland
Pervasive Enabled	TSSG, Waterford Institute of Technology	Ireland
Scytl Secure Electronic Voting	Scytl Secure Electronic Voting	Spain
Siberia targeting IST in FP7	Austrian Research Promotion Agency	Austria
STARLAB: Bringing science to the market	STARLAB	Spain
System One	System One	Austria
TerreGov	GFI Informática	Spain
The PYMERA Network	Instituto Tecnológico de Informática	Spain
VE-Forum.org	CeTIM	Germany

## Conference Portal & Delegate Showcase

[www.eChallenges.org](http://www.eChallenges.org)

### e-2006 Supporting Organisations

