

# eChallenges e-2008 Advance Programme

Stockholm - Sweden

22 - 24 October 2008

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European Commission  
Information Society and Media



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# Introduction

The **eChallenges e-2008** Conference & Exhibition takes place 22 – 24 October in Stockholm, Sweden. This is the eighteenth in a series of annual conferences supported by the European Commission, which bring together over 650 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 Enterprises, eGovernment and eDemocracy, Technology Enhanced Learning, Digital Content, Collaborative Working Environments, eHealth, GRID, Smart and Virtual Organisations, Mobility & Security and Identity Management.

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.

The Community Building goals of **eChallenges e-2008** 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 identify new partners for proposals to be submitted under Framework Programme 7, to support International Cooperation and open up the European Research Area (ERA) to the rest of the world.

## Who will you meet at e-2008?

*"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-2008** provides a prestigious international forum to increase awareness of exploitable ICT research results and applications, whether funded privately or publicly. The Exhibition and National Pavilion 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 cooperate in international research

projects co-funded by the European Commission under the ICT Theme of FP7, as well as discussing specific proposal ideas with European Commission officials representing different units from DG INFSO.

## The Venue

The **eChallenges e-2008** Conference & Exhibition takes place in the Grand Hotel, which is located at S. Blasieholmshamnen 8, Stockholm.

## Media Partners

**eChallenges e-2008** Media Partners include:

eStrategies

eP Market Intelligence

If you are also interested in becoming a Media Partner, please contact the Conference Secretariat.

## The Programme

The 3-day Conference 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 Enterprise, eGovernment and eDemocracy, Technology Enhanced Learning, Collaborative Working Environments, Digital Content, eHealth, GRID, Smart and Virtual Organisations and International Collaboration. Session Chairs will ensure active discussions and facilitate delegate participation and networking.

The conference programme is complemented by a demonstration and exploitation focused Exhibition and social events including a **Networking Cocktail Reception** kindly sponsored by the City of Stockholm (22nd October) and a **Gala Dinner** (23rd October)

kindly sponsored by the Ministry of Enterprise, Energy and Communications and VINNOVA - Swedish Governmental Agency for Innovation Systems.

The Conference Programme is subject to change, and the **eChallenges e-2008** 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.

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.

### Security, Health and Safety

Please wear your name badge for all **e-2008** activities, as it is your identification and allows you access to all Conference facilities. Unfortunately, conferences and Exhibitions 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 Stockholm. 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 rates at the Conference venue (**Grand Hotel**), **Hotel Tegnérunden**, **Hotel Oden** and **Comfort Hotel**.

By staying in one of these hotels, you will maximise networking opportunities with other conference delegates, presenters and exhibitors.

**eChallenges e-2008** delegates are strongly recommended to book their accommodation online early, as Stockholm is very busy the week 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.

The most up to date information in relation to hotel availability is available on the **eChallenges** Portal ([www.eChallenges.org](http://www.eChallenges.org)).

### Networking Reception

The Organising Committee are pleased to announce that a **Networking Buffet Reception** hosted by the City of Stockholm will be held in the Golden Room in the Stockholm City Hall on Wednesday 22 October, from 18:00 – 20:00.

It is necessary for all delegates to confirm their participation by 01 October at the latest via online registration to be included in the security list for entrance to the City Hall.

Each confirmed delegate will receive their invitation card in their conference pack, which can be collected at the conference venue on Tuesday 21 October from 15:00.

Delegates should arrive at the City Hall, Hantverkargatan 1, between 17:15 - 17:45 to clear security. The nearest underground station is T-Centralen. Buses 3 & 62 also go near the City Hall.

Following the formal Welcome by the City, a guide will provide a brief introduction to the history of the City Hall, and in particular the background to some of the more striking mosaics in the Golden Room

This Reception will provide delegates and partners with the opportunity to network with their peers.

### Gala Dinner

The Organising Committee are pleased to announce that a **Gala Dinner**, sponsored by Ministry of Enterprise, Energy and Communications and VINNOVA - Swedish Governmental Agency for Innovation Systems will be held in the wonderful Vasa Museum on Thursday 23 October.

Transport by boat to the Vasa Museum is provided from outside the Grand Hotel (Conference Venue). Boats will leave between 18:30 – 19:15. A guide will provide a brief introduction during this short trip.

Upon arrival, guests will have the option to participate in a short tour of the Vasa Museum between 19:15 – 19:50.

Bus transfers from the Vasa Museum back to the Grand Hotel will leave at 22:30, 22:50 and 23:10.

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

## Stockholm

Stockholm is the capital of Sweden. While it is located across 14 islands, there is a very efficient transport system and the city centre is quite compact, making it possible to walk to all major sites.

As well as having many cultural and historical sights, Stockholm has a vibrant cafe society and excellent shopping facilities that will keep Accompanying Persons busy during eChallenges e-2008, before joining conference delegates for social events on Wednesday and Thursday evening.

Stockholm has more than seventy museums, offering significant choice for different tastes. Delegates should endeavour to visit the Vasa Museum, Skansen Open-air museum and Junibacken in Djurgården, the City Hall and Royal Palace, Gamla Stan (Old Town) and Drottningholm Palace.

Within the city centre there are a number of shopping malls on Hamngatan (NK, Gallerian) and Stureplan (Sturegallerian).

The Archipelago consists of over 30,000 islands

## Transport

### From Arlanda International Airport to Stockholm

Arlanda International airport is located 27 kilometres north of Stockholm. Delegates can choose to travel to Stockholm via the Arlanda Express (takes 20 minutes), airport coach (takes 40 minutes) or by taxi (takes between 25 - 50 minutes depending on the time of day).

The Arlanda Express costs 220 SEK per person for a single journey. Tickets can be purchased from the vending machines in the airport. Please note that there is an extra charge if you buy the ticket on the train. Trains leave every 15 - 20 minutes.

A single ticket on Flygbussarna (Airport Coach) from Arlanda Airport to Stockholm City Terminal costs 99 SEK per person. Tickets can be purchased at information desk at Arlanda Airport or on board the bus. Buses leave every 15 - 20 mins and the journey takes 40 minutes.

Taxis are available outside the Terminal and are grouped by price point. Most taxi companies offer a fixed price from Arlanda Airport to Stockholm and vice versa. The normal price for 1 - 4 passengers from Arlanda Airport to Stockholm is approximately 445 SEK. It is necessary to confirm the price with the taxi driver prior to leaving the airport. If a group are arriving at the airport on the same flight, it is more economic to share a taxi rather than buy individual tickets on the Arlanda Express

### Transportation within Stockholm

Stockholm has an excellent public transportation network – buses, underground and local trains.

Tickets are not sold on buses. It is necessary to buy tickets in advance at machines if you have exact change or at Pressbyrå-kiosks or 7Elevens - one hour tickets, strips of tickets or tickets for one day or more.

City buses are either blue or red. Line 47 stops at many of the city's main attractions - Skansen, Vasa Museum, Gröna Lund Tivoli and Waldemarsudde. There is a stop near the Central Train Station.

Stockholm has an extensive underground system comprising of three lines - green, red and blue, which converge at T-Centralen at the Central Railway Station.

The Stockholm Card provides free access to more than 75 museums and other attractions, free sightseeing board trips and free travel on the local public transportation system. Cards can be purchased for 24, 48 or 72 hours.

## Sponsorship Opportunities

**e-2008** offers a variety of Sponsorship Opportunities to enhance your organisation's image with the international ICT 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-2008** already include the Ministry of Enterprise, Energy and Communications, VINNOVA (Swedish Governmental Agency for Innovation Systems), City of Stockholm and County Administrative Board of Stockholm. **eChallenges e-2008** is also Supported by the European Commission.

Technical Co-Sponsors include IEEE Region 8, IEEE x, IEEE Spain Computer Chapter, IEEE UKRI Computer Chapter and IEEE Control & Communication (Ireland) Joint Chapter.

Previous Sponsors include the European Commission, Ministry of Economic Affairs, Netherlands, Municipality of the Hague, Generalitat de Catalunya, Ajuntament de Barcelona, 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, KPN and Telekom Austria.

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

To request a Sponsorship Proposal, please contact [secretariat@eChallenges.org](mailto:secretariat@eChallenges.org)

## Plenary Session Speakers

Keynote Speakers already confirmed include:

- **H.E Åsa Torstensson**, Ministry of Enterprise, Energy and Communications
- **Mr Bo Bladholm**, Lord Mayor, City of Stockholm
- **Mr Sten Nordin**, Mayor, City of Stockholm
- **Prof. Per Eriksson**, Director General VINNOVA - The Swedish Governmental Agency for Innovation Systems
- **Mr Per Unckel**, County Governor of Stockholm
- **Mr Urban Funered**, Ministry of Finance
- **Mr Edmundas Žvirblis**, Deputy Director, Information Society Development Committee, Government of the Republic of Lithuania



Åsa Torstensson  
Minister



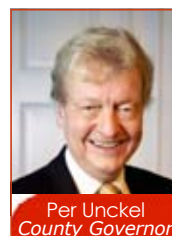
Bo Bladholm  
Lord Mayor



Stein Nordin  
Mayor



Per Eriksson  
VINNOVA



Per Unckel  
County Governor



Edmundas Žvirblis  
Government of Lithuania

## 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-2008 Programme Committee** includes

- **Paul Cunningham**, IIMC, Ireland (Chair)
- **Ulf Blomqvist**, VINNOVA, Sweden
- **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
- **Prof. Asuman Dogac**, Middle East Technical University, Turkey
- **Prof. Dan Harnesk**, Lulea University of Technology Sweden
- **Dr. Nenad Ivezic**, NIST, USA
- **Prof. Bernhard Katzy**, CeTIM, Netherlands
- **Gareth MacNaughton**, Lane & Hapiak Consulting, United Kingdom
- **Prof. Ann Macintosh**, University of Leeds, UK
- **Jesse B.T. Marsh**, Atelier Studio Associato, Italy
- **Micheál Ó Foghlú**, TSSG, WIT, Ireland
- **Prof. Gregoris Mentzas**, National Technical University of Athens, Greece
- **Alvaro Oliveira**, Alfamicro Lda., Portugal
- **Dr. Stephan Raimer**, College of Cooperative Education Schleswig-Holstein (WAK-SH), Germany
- **Prof. Tomás Robles**, Universidad Politecnica de Madrid, Spain
- **Jonathan Sage**, IBM Business Consulting, UK
- **Hans Schaffers**, Helsinki School of Economics & ESoCE Net, Netherlands
- **Dr. Krassimira Paskaleva-Shapira**, ITAS, Karlsruhe Research Centre, Germany & Manchester Business School, United Kingdom
- **Peter Stanbridge**, Korora Limited, UK
- **Richard Stevens**, European Genetics Foundation, Italy
- **Prof. Volker Stich**, FIR at RWTH Aachen University, Germany
- **Prof. Roger Wallis**, Royal Institute of Technology, Sweden

- **Dr. Peter Weiss**, AIFB, University of Karlsruhe, Germany
- **Stefan Wesner**, HLRS, Germany
- **Prof. Jim Yip**, University of Huddersfield, UK

## Organising Committee

- **Miriam Cunningham**, IIMC, Ireland
- **Madeleine Siösteen Thiel**, VINNOVA – Swedish Governmental Agency for Innovation System, Sweden
- **Paul Cunningham**, IIMC, Ireland



## Conference Secretariat

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## Conference Portal/Delegate Showcase

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



Wednesday,  
October 22,  
2008

08:00 Registration

09:00 Opening Plenary 1a

Chair:

**Welcome to the Innovative City of Stockholm**

Bo Bladholm, Lord Mayor, City of Stockholm, Sweden

**Achieving Opportunities through Innovation**

Sten Nordin, Mayor, City of Stockholm, Sweden

**Innovation, eChallenges and Sustainable Growth**

Prof. Per Ericsson, Director General, VINNOVA - Swedish Governmental Agency for Innovation Systems, Sweden

**Electronic Services Wherever and Whenever**

Åsa Torstensson, Minister of Enterprise, Energy and Communications, Sweden

**Moderated Discussion**

10:30 Coffee Break: Exhibition & Networking

11:00 Session 2a: ICT for Networked Enterprise - Applications

Chair: European Commission, Belgium

**A New Value Proposition of Interoperability for Enterprises to Advance the Frontiers of the European Knowledge Economy**  
Man-Sze Li, IC Focus, United Kingdom

**Innovation, Open Standards and Democracy**

Jonathan Sage, IBM Business Consulting Services, United Kingdom

**Service Oriented Architectural Model for the Development of Disparate Computing Applications**

Keith Osman, University of Central England in Birmingham, United Kingdom

**Dynamic Data Mediation in Enterprise Application Integration**

Gregoris Mentzas, National Technical University of Athens, Greece

**Semantic-based Integration of Innovative Networking Services and Existing Systems**

Flavio Bonfatti, University of Modena and Reggio Emilia, Italy

11:00 Session 2b: eGovernment - Issues

Chair: European Commission, Belgium

**Communicating Vessels for Relevant and Rigorous eGovernment Research**

Katarina Lindblad-Gidlund, Midsweden University, Sweden

**Lessons from Global E-Readiness Trends of National Economies**

Mary Keeling, IBM Institute for Business Value, Ireland

**E-Government Bench-Learning Project**

Joan Battle, Barcelona City Council, Spain

**Does ICT-Use Enhance Social Capital and Regional Development? A 12-Region Survey**

Karsten Gareis, empirica mbH, Germany

**E-services for Everyday Use: Is There a Need for Academic Multidisciplinary Research?**

Merja Taipaleenmäki, City of Vantaa, Finland

11:00 Session 2c: Collaborative Working Environments 1: Issues & Case Studies

Chair: Dan Harnesk, Luleå University of Technology, Sweden

**Competence Management – A Multidisciplinary Study of its Evolution**  
Marineta Schumacher, Ecole Centrale Paris, France

**Market Driven Merger of E-Business, Enterprise Resource, and Product Management Systems in the PLM-Loop**

Christian-Andreas Schumann, West Saxon University of Zwickau, Germany

**Optimum Scale of Social Networking Services for Organizational Knowledge Management**

Michiko Yoshida, FUJITSU Research Institute, Japan

**A Conceptual Framework for the Study of Research Ecosystems**  
Adamantios Koumpis, ALTEC S.A., Greece

**Towards Virtual Co-location in Functional Product Innovation**

Mattias Bergström, Luleå University of Technology, Sweden

11:00 Session 2d: Digital Content

Chair: Peter Stanbridge, Korora Limited, United Kingdom

**CTracker: a Distributed BitTorrent Tracker Based on Chimera**

Raul Jimenez, KTH, Sweden

**An Empirical Classification of Knowledge Sharing Networks in Practice**

Robert Verburg, Delft University of Technology, Netherlands

**Personal and Group Knowledge Management with the Social Semantic Desktop**

Dimitris Apostolou, ICCS, Greece

**E-Business Ontology for European Construction SMEs Collaboration**

Sonia Bilbao, Robotiker-Tecnalia, Spain

11:00 Session 2e: Mobility Case Studies

Chair: Mícheál Ó Foghlú, Waterford Institute of Technology, Ireland

**Information System for Mobile Devices of the Guàrdia Urbana City Police**

Lluís Olivella, Municipal Institute of Information Technology, Barcelona City Council, Spain

**NetLab - Use Cases for Interconnected Testbeds and Living Labs**

Jean-Charles Point, JCP-Consult, France

**IMS ARCS - An Industrial Academic Cooperative Research Program for IMS**

Robert Mullins, TSSG, Waterford Institute of Technology, Ireland

**Emotions, Possession and Willingness to Pay: The Case of iPhone**

Heidi Tscherning, Copenhagen Business School, Denmark

11:00 Session 2f: eHealth Issues 1

Chair: Kim Davis, Research Council of Norway, Norway

**Trends and Patterns of Health Related Internet Use in Portugal**

Silvina Santana, University of Aveiro, Portugal

**e-Health in Sweden: Citizens' Attitudes and Expectations**

Marie-Louise Jung, Luleå University of Technology, Sweden

**eHealth Consumer Attitudes in Poland and Greece: A Comparison**

Maria Magdalena Bujnowska-Fedak, Wroclaw Medical University, Poland

11:00 Session 2g: Networked, Smart and Virtual Organisations - Issues

Chair: Bernhard Katzy, CeTIM, Germany

**Environment Friendly E-environments – Challenges and Perspectives**

Syed Naqvi, CETIC, Belgium

**Forecasting Structural and Functional Aspects of Virtual Organisations**

Jens Eschenbaecher, BIBA, Germany

**Efficient Trust Aware Resource Allocation in Distributed Computing Environments**

Angelos Michalas, Technological Educational Institute of Western Macedonia, Greece

**An Inter-Organizational Configuration Management Database as Key Enabler for Future IT Service Management Processes**

Silvia Knittl, Technische Universität München, Germany

11:00 Workshop 2h: Challenges & Development

Chair: Anette Holm, City of Stockholm, Stockholm

**Challenges & Development in Stockholm**

Anette Holm, City of Stockholm, Stockholm

**Title to be confirmed**

Pilar Conesa, Barcelona City Council, Spain

**Title to be confirmed**

Nils-Erik Selin, Kista Science City AB, Stockholm

**Title to be confirmed**

Jörgen Kleist, AB STOKAB, Stockholm

12:30 Lunch Time: Exhibition & Networking

13:30 Workshop 3a: [Contracting in an eBusiness Environment](#)

Chair: [Roland Kübert, HLRS, Germany](#)

**Dynamic SLAs and Trust for Next Generation Business Models in Grid**

Francesco D'Andria, Atos Origin, Spain

**Using Semantic Technologies to improve Negotiation of Service Level Agreements**

Ioannis Kotsiopoulos, The University of Manchester, United Kingdom

**An SLA Framework for the GT4 Grid Middleware**

Igor Rosenberg, Atos Origin, Spain

**Economically Enhanced Risk-aware Grid SLA Management**

Karim Djemame, University of Leeds, United Kingdom

13:30 Session 3b: [eGovernment - Interoperability](#)

Chair: [Gregoris Mentzas, National Technical University of Athens, Greece](#)

**eGovernment Interoperability with Open Standards**

Wout Hofman, TNO ICT, Netherlands

**The Architecture of an Interoperable and Secure eGovernment Platform Which Provides Mobile Services**

Yuri Glickman, Fraunhofer FOKUS, Germany

**SKALIS – A Method for Speeding up the Start of Far-reaching Interoperability Work**

Per Nilsson, The Swedish Tax Agency, Sweden

**Horizontal Integration of Local Government: The Case of the Citizen Service Unit**

Ulf Hedestig, Umea University, Sweden

**A Method for Implementing Interoperable Electronic Services Portals in Local Administrations**

Tassos Tsitsanis, National Technical University of Athens, Greece

13:30 Session 3c: [Collaborative Working Environments - Applications](#)

Chair: [Alvaro Oliveira, Alfamicro, Lda., Portugal](#)

**Collaborative Idea Management with an Information Aggregation System**

Efthimios Bothos, National Technical University of Athens, Greece

**OpenAdap.net: Dynamical and Open Source Approach to Knowledge Sharing**

Alessandro E.P. Villa, University of Lausanne, Switzerland

**Interleaving Semantics for Multi-Disciplinary Collaborative Design in A/E/C**

Armando Trento, Sapienza, University of Rome, Italy

**Web Collaborative Tools for Geospatial Data Management**

Petr Horak, WIRELESSINFO, Czech Republic

**Reducing Network Risks in Supply Networks by Implementing Games for Mediating Skills on Risk Management**

Klaus-Dieter Thoben, BIBA GmbH, Germany

13:30 Session 3d: [Digital Content Applications](#)

Chair: [Peter Stanbridge, Korora Limited, United Kingdom](#)

**STASIS - Creating an Eclipse Based Semantic Mapping Platform**

Stuart Campbell, TIE, Netherlands

**Next Generation Modelling: Meta-Models As Mediators Between Domain Experts and Ontologies in AsIsKnown**

Robert Woitsch, BOC Asset Management GmbH, Austria

**User Interfaces for Personal Knowledge Management**

Andreas Abecker, FZI Forschungszentrum Informatik Karlsruhe, Germany

**Decision Support System for the Safest and Most Cost-Efficient Routing of Dangerous Goods Vehicles**

Vasileios Emmanouilidis, Centre for Research and Technology Hellas, Greece

13:30 Session 3e: [Mobility Applications and Issues](#)

Chair: [Mícheál Ó Foghlú, Waterford Institute of Technology, Ireland](#)

**Using Language Technology to Enhance Interaction and Provide Skim Reading Abilities to Audio Information Services**

Arne Jönsson, Santa Anna IT Research Institute AB, Sweden

**Mobile Applications for Public Sector: Balancing Usability and Security**

Viktor Kaufman, SAP Research, Germany

**How Profitable are Intelligent Cars for the Society? - Methodology and Results from eIMPACT**

Herbert Baum, University of Cologne, Germany

**Testing and Evaluation Methods for ICT-based Safety Systems**

Micha Lesemann, Institut for Automotive Engineering Aachen (IKA), Germany

**Location-Aware Access Control for Mobile Information Systems**

Michael Decker, University of Karlsruhe (TH), Germany

13:30 Session 3f: [eHealth Issues 2](#)

Chair: [Richard Stevens, European Genetics Foundation, Italy](#)

**Guard, Anticipation and Prediction. A New Approach to Health Risk Prediction**

Carmen Ceinos, ECOMIT CONSULTING, Spain

**Tackling the Limits of Designability, Emergence and Complexity: Co-Producing Multi-Agency Service Environments: The OLDES Project**

Gregory Maniatopoulos, University of Newcastle, United Kingdom

**The DrugCheck eService**

Gregory Milopoulos, NOSIS, Greece

13:30 Session 3g: [Networked, Smart & Virtual Organisations - Applications](#)

Chair: [Nenad Ivezic, NIST, United States](#)

**Supporting Enterprise Networks Set Up Combining ebXML, Semantic Tools and Sectorial Standards**

Nicola Gessa, ENEA, Italy

**Process Management Support for Emergency Management Procedures**

Thomas Rose, Fraunhofer FIT, Germany

**Business Community Creation Based on Competence Management**

Vladimir Tarasov, Jönköping University, Sweden

**Co-design and Web 2.0: Theoretical Foundations and Application**

Olov Forsgren, Borås University College, Sweden

**Business Models on the Web: Application to Most Popular Sites and Related Trends**

Roberto Garigliano, University of Trento, Italy

13:30 Workshop 3h: [Successful Swedish Research in the eChallenges Domain](#)

Chair: [VINNOVA, Sweden](#)

Presenters will be confirmed during August

15:00 [Coffee Break: Exhibition & Networking](#)

15:30 Workshop 4a: [Contracting in an eBusiness Environment II](#)

Chair: [Roland Kübert, HLRS, Germany](#)

**Asymmetric Information Issues and Solutions for the Broker Executing SLA-based Workflows**

Minh Quan Dang, International University in Germany, Germany

**A Business-Driven SLA Management Approach using Policies**

Magdalini Kardara, ICCS/NTUA, Greece

**Added Value for Businesses through eContract Negotiation**

Philipp Wieder, Dortmund University of Technology, Germany

**Discussion**

15:30 Workshop 4b: [Interoperability Infrastructures for European Public Administrations](#)

Chair: [Yannis Charalabidis, National Technical University Athens, Greece](#)

**One-stop Service Portals and Interoperability Management Infrastructures: the Dutch Government's case**

Paul Oude Luttighuis, Telematica Institute, Netherlands

**Semantic Technologies to Support an Easy and Ubiquitous Dialogue between Governments and Citizens**

Antonio De Nicola, IASI-CNR, Italy

**NIST B2B Interoperability Test Bed: Content Testing within a Global Testing Network**

Nenad Ivezic, National Institute of Standards and Technology, United States

**Interoperability Infrastructures and Relevant Standardisation in Norway**

Arne Berre, SINTEF, Norway

**SEMIC.EU: Interconnecting Europe**

Klaus Reichling, Semantic Interoperability Centre Europe/[init], Germany

**Governmental Interoperability Service Utilities: The Way Forward for Zero-Stop Electronic Service Composition and Provision**

Yannis Charalabidis, National Technical University Athens, Greece

**ESTRELLA: Towards Interoperability Standardisation in Legal Information and Knowledge**

Radboud Winkels, University Of Amsterdam, Netherlands

15:30 Workshop 4c: [Open Innovation as Driver for Next Generation of User-centric Products and Services](#)

Chair: [Bror Salmelin, European Commission, Belgium](#)

**Soft IP and "Markets for Technology"**

Jonathan Sage, IBM Business Consulting Services, United Kingdom

**Other presenters to be confirmed during August**

15:30 Session 4d: [Digital Content Issues](#)

Chair: [Roger Wallis, Royal Institute of Technology, Sweden](#)

**Multi-level Ontology Mapping for a Cross-culture Collaborative Design**

Antonio Fioravanti, Sapienza - University of Rome, Italy

**Comprehensive Developer Support for Rule-Based Programming**

Andreas Abecker, FZI Forschungszentrum Informatik Karlsruhe, Germany

**Semantic Description of Multimodal Devices: Modelling and Evaluation**

Suparna De, University of Surrey, United Kingdom

**Ontological Multimedia Information Management System**

Nihan Cicekli, Middle East Technical University, Turkey

15:30 Workshop 4e: [Europe-Latin America Cooperation in ICT Research: State of the art, Opportunities, Challenges](#)

Chair: [Fabio Nascimbeni, MENON Network, Belgium](#)

**Europe-Latin America Cooperation in ICT research: State of the art, Opportunities, Challenges**

Fabio Nascimbeni, MENON Network, Belgium

**The Outcomes of the SOLAR-ICT Project from the Latin America Perspective: the Costa Rican Case Study**

Alexander Mora Delgado, CAMTIC, Costa Rica

**The Challenge of a Sustainable e-Services Definition and Provision in Latin America**

Moacyr Martucci, Escola Politécnica - USP, Brazil

**BELIEF-II: A Global Access to e-Infrastructures**

Giovanna Calabrò, Metaware SpA, Italy

**An Innovative and Inclusive Training System by Digital Terrestrial Television. Evidences from Beacon Project**

Marco Recchioni, DIDA, Italy

**SALA+ Project: The Networked Media: A World of Technologies to Achieve LatinAmerican Challenges**

Julián Seseña, AETIC, Spain

15:30 Workshop 4f: [User Involvement in Connected Health and Wellness Design](#)

Chair: [Maurice Mulvenna, University of Ulster, United Kingdom](#)

Co-Chair: [Johan E. Bengtsson, Luleå University of Technology, Sweden](#)

**User-Centricity in the Development of Services for People with Mild Dementia**

Ferial Moelaert, Telematica Instituut, Netherlands

**The Role of Users in CAALYX**

John Nelson, University of Limerick, Ireland

**Involving all Stakeholders in the Design of Innovative Domestic Products and Services: the NETCARITY Experience**

Ilse Bierhoff, Smart Homes Association, Netherlands

**Discussion**

15:30 Session 4g: [Grid Case Studies](#)

Chair: [Stefan Wesner, High Performance Computing Centre Stuttgart, Germany](#)

**Security focused Dynamic Virtual Organizations in the Grid based on Contracts**

Bartosz Kryza, Academic Computer Centre CYFRONET-AGH, Poland

**A Democratic Grid: Collaboration, Sharing and Computing for Everyone**

Leandro Navarro, UPC, Spain

**Software as a Service (SaaS) through a Grid Network: Business and Legal Implications and Challenges**

Davide Maria Parrilli, K.U. Leuven, Belgium

15:30 Workshop 4h: [Successful Swedish Research in the eChallenges Domain II](#)

Chair: [VINNOVA, Sweden](#)

Presenters will be confirmed during August

17:00 End of Conference Day

17:45 Networking Buffet Reception, City Hall, Stockholm



Thursday,  
October 23,  
2008

09:00 Workshop 5a: **Experiences on Service Oriented Infrastructure and the Grid as Foundation for the Next Generation of Business Solutions**

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

**BPM4SOA Business Process Models for Semantic Service-Oriented Infrastructures**

Dimitris Karagiannis, University of Vienna, Austria

**A Service Oriented Architecture to Support the Federation Lifecycle Management in a Secure B2B Environment**

Angelo Gaeta, CRMPA, Italy

**Building Data Management Components for Business Applications**

Craig Thomson, The University of Edinburgh, United Kingdom

**A Secure Environment for Grid-Based Supply Chains**

Alvaro Arenas, STFC Rutherford Appleton Laboratory, United Kingdom

**Discussion**

09:00 Session 5b: **eGovernment - Leveraging Co-operative Platforms**

Chair: **Jim Yip, University of Huddersfield, United Kingdom**

**Semantic Technologies for European Chambers of Commerce Cooperation**

Francesco Taglino, CNR-IASI, Italy

**Semantic Integration of Government Services - the Access-eGov Approach**

Marek Paralic, Technical University of Kosice, Slovakia

**Adaptive and Smart e-Government Workflows - Experience Report from the Projects FIT and LDCAST**

Vedran Hrgovic, BOC Asset Management GmbH, Austria

**DYONIPPOS: Proactive Support of Knowledge Workers**

Josef Makolm, Federal Ministry of Finance, Austria

**Investigating Effective Use of Information and Knowledge Management in eDeliberation**

Sabrina Scherer, University of Koblenz, Germany

09:00 Workshop 5c: **Living Labs and Regional Development**

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

**Living Labs and Territorial Innovation**

Jesse Marsh, Atelier Studio Associato, Italy

**Fourth Generation Living Labs - Quest for Human-Oriented Global Society**

Bernard Corbineau, Université de Paris-Est - IFIS - S3IS, France

**A Living Lab Innovation Strategy for Mediterranean Island Regions**

Michalis Zanos, Larnaca District Development Agency, Cyprus

**Policy as Conversation**

Alberto Cottica, The Hub, Italy

09:00 Session 5d: **Technology-Enhanced Learning - Applications**

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

**MODA: An Adaptive Intelligent Learning System for Technology-Enhanced Learning**

Ferda Alpaslan, METU, Turkey

**OKI: The Integration of Technology-Enhanced Learning Services**

Evaristo de Frutos, UOC, Spain

**Biometric Identification System in Higher Education Exams: Test in Laboratory Practices**

Elio Sancristobal, Spanish National University for Distance Education. UNED, Spain

9:00 Workshop 5e: **IST-Africa - Linking European & African Researchers**

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

**Research Capacity and Challenges in Tanzania**

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

**Research Capacity and Challenges in Uganda**

Maxwell Otim, Uganda National Council for Science and Technology, Uganda

**Research Capacity and Challenges in Lesotho**

Maseqobela Williams, Ministry of Communications, Science and Technology, Lesotho

**Research Capacity and Challenges in South Africa**

Cristina Pinto, University of the Witwatersrand, Johannesburg, South Africa

09:00 Session 5f:

**eHealth Applications**

Chair: **Asuman Dogac, Middle East Technical University, Turkey**

**Eliciting User Requirements for Ambient Assisted Living: Results of the SOPRANO project**

Sonja Müller, empirica GmbH, Germany

**ECDL Health in Italy**

Fulvia Sala, AICA, Italy

**Satellite-enabled Applications for Health Early Warning in Public Health after a Disaster: Experience from a Readiness Exercise**

Catherine Chronaki, FORTH, Greece

09:00 Session 5g: **Networked, Smart and Virtual Organisations - Case Studies**

Chair: **Volker Stich, FIR: Institute for Operations Management at RWTH Aachen, Germany**

**Inter-enterprise Collaboration throughout Ontological Orchestration**

Ricardo Goncalves, UNINOVA, Portugal

**Mastering Demand and Supply Uncertainty with Configurator Software**

Cor Verdouw, LEI Wageningen UR, Netherlands

**A Total Cost of Ownership Model for Global Sourcing**

Philipp Bremen, ETH Zurich, Switzerland

**EBIZ-TCF: An Initiative to Improve eAdoption in European Textile/Clothing and Footwear industry**

Piero De Sabbata, Enea, Italy

09:00 Workshop 5h:

**Nordic Council Challenges**

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

**Presenters to be confirmed during August**

10:30 Coffee Break:

**Exhibition & Networking**

11:00 Workshop 6a: **Experiences on Service Oriented Infrastructure and the Grid as Foundation for the Next Generation of Business Solutions II**

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

**Defining Efficient Business Models for Grid-enabled Applications**

George Thanos, Athens University of Economics and Business, Greece

**Support for Client-server based License Management schemes in the Grid**

Christian Simmendinger, T-Systems, Germany

**Economics-Aware Capacity Planning for Commercial Grids**

Marcel Risch, International University in Germany, Germany

**Common Capabilities for Trust & Security in Service Oriented Infrastructures**

David Brossard, BT CTO, United Kingdom

11:00 Session 6b:

**eGovernment Services**

Chair: **Krassimira Paskaleva-Shapira, Karlsruhe Research Center, Germany and Manchester Business School, UK**

**Categories of Public e-Services - An Inquiry based on the e-Diamond Model**

Mikael Lind, University College of Borås, Sweden

**The Future History of E-services. Long-term Preservation of Complex and Integrated e-Services**

Göran Samuelsson, Mid Sweden University, Sweden

**Enabling e-Services for All. A User Centered Design Approach for Audio based Information Services**

Lars Hult, Santa Anna IT Research Institute AB, Sweden

11:00 Workshop 6c: **Living Labs and Regional Development II**

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

**Regional Partnerships for Living Labs: the Case of TLL Sicily**  
Ferdinando Trapani, university of Palermo, Italy

**Living Lab (LL) Business Models for Local Development**  
Karel Charvat, Wirelessinfo, Czech Republic

**Bringing Wireless Broadband to Remote Areas**  
Anna Sangiorgi, Centro per la Ricerca Elettronica in Sicilia - CRES, Italy

**Diffusion of E-government IT Innovation: a Case of Failure?**  
Alexander Kipp, University of Muenster, Germany

11:00 Session 6d: **Technology-Enhanced Learning - Case Studies**

Chair: **European Commission, Luxembourg**

**Virtual Role-Play in the Classroom – Experiences with FearNot!**  
Carsten Zoll, Otto-Friedrich Universität Bamberg, Germany

**ORT Argentina Virtual Campus Project - A Case Study about Information and Media Literacy in K12 / Compulsory Education**  
Guillermo Lutzky, ORT Argentina, Argentina

**Bangladesh Virtual Classroom**  
Åke Grönlund, Örebro University, Sweden

**"Whole Language" System for the E-learning of Handwriting and Reading**  
Gabor Hrotko, jMind Consulting Ltd, Hungary

11:00 Workshop 6e: **IST-Africa - Linking European & African Researchers II**

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

**Research Capacity and Challenges in Mozambique**  
ICT Policy Implementation Technical Unit (UTICT), Mozambique

**Research Capacity and Challenges in Namibia**  
Ministry of Education, Namibia

**Research Capacity and Challenges in Botswana**  
Ministry of Communications, Science and Technology, Botswana

**Challenges to Research, Science & Technology in Tanzania, Mozambique and South Africa**  
Chris Morris, CSIR, South Africa

**Zitnet - the First Wireless Community Network in Rural Nigeria**  
Alberto Escudero-Pascual, IT46, Sweden

11:00 Session 6f: **Case Studies, Business Cases and Tools for the Planning and Application of eHealth Services**

Chair: **Volker Stich, FIR: Institute for Operations Management at RWTH Aachen, Germany**

**An Integrated Approach for eHealth Service Engineering**  
Tobias Rhensius, Research Institute for Operations Management (FIR) at RWTH Aachen University, Germany

**Telemedical Services for Homely Rehab**  
Bernhard Kausch, Institute of Industrial Engineering and Ergonomics (IAW), RWTH Aachen, Germany

**Business Modelling for eHealth applications in Emergency Medicine Systems**  
Eric Nass, Forschungsinstitut für Rationalisierung FIR, Germany

11:00 Session 6g: **iSURF: An Interoperability Service Utility for Collaborative Supply Chain Planning**

Chair: **Asuman Dogac, Middle East Technical University, Turkey**

Co-Chair: **Ricardo Goncalves, UNINOVA, Portugal**

**iSURF -An Interoperability Service Utility for Collaborative Supply Chain Planning across Multiple Domains: Textile Supply Chain Pilot**

Asuman Dogac, Software Research and Development and Consultancy Ltd., Turkey

**Evaluation and Testing as Support for a Consistent Architecture Development**  
Fernando Ferreira, Uninova, Portugal

**iSURF Approach to Translate Customer-needs into System-Technical-Requirements**

Samia Drissi, Fraunhofer Institute, Germany

**iSURF Pilot Scenario: Description, Requirements and Benefits**

Michele Sesana, TXT, Italy

11:00 Workshop 6h: **Baltic Research Challenges**

Chair:

**Presenters will be confirmed during August**

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

14:00 Workshop 7a: **Towards an Internet of Services**

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

**The Internet of Services: Vision, Scope and Issues**  
Man-Sze Li, IC Focus, United Kingdom

**Decentralized and Reliable Service Infrastructure to Enable Corporate Cloud Computing**  
Udo Bartlang, Siemens AG, Germany

**Internet of Services: Trends and Outlook**  
Arian Zwegers, European Commission, Belgium

**Discussion**

14:00 Session 7b: **eGovernment: eServices Case Studies**

Chair: **European Commission, Belgium**

**Talking to, not about, Entrepreneurs – Experiences of Public e-Service Development in a Business Start up Case**  
Ulf Melin, Linköping University, Sweden

**Joint Municipality Venture to Create a New e-Services Platform**  
Claes-Olof Olsson, Sambruk, Sweden

**Fully Automated Secured Transactions Services**  
Baudouin de Sonis, e-Forum, Belgium

**Service Encounters in 2015 – Desires and Needs of Future Customers in the Swedish Energy Sector**  
Nicklas Salomonson, University College of Borås, Sweden

14:00 Workshop 7c: **Living Labs Fostering Open Innovation for Rural Development**

Chair: **Hans Schaffers, Helsinki School of Economics & ESoCE Net, Netherlands**

**An Action Research Approach to Rural Living Labs Innovation**  
Javier Garcia Guzman, Carlos III University, Spain

**Towards Context Modeling for Cooperative Rural Living Labs**  
Abdelghani Chibani, CityPassenger, France

**Stimulating Innovation in the Frascati Living Lab - Supporting Business Incubation Processes**

Hans Schaffers, Helsinki School of Economics & ESoCE Net, Netherlands

**Discussion**

14:00 Session 7d: **Technology-Enhanced Learning in Tertiary and Vocational Training**

Chair: **Stephan Raimer, College of Cooperative Education Schleswig-Holstein (WAK-SH), Germany**

**Re-Engineering Assessment and eLearning: A Blended Approach to Teaching Undergraduate Modules**  
Alan Hogarth, Glasgow Caledonian University, United Kingdom

**Model of Impact of Technology-Enhanced Organizational Learning on Business Performance**  
Tanja Arh, Jožef Stefan Institute, Slovenia

**Enhanced E-training in the Field of Mechatronics: The Slovenian Case Study**  
Matija Pipan, Jozef Stefan Institute, Slovenia

**Training for Open Source: A Need not a Luxury**  
Guadalupe Morgado, FUNDECYT, Spain

14:00 Workshop 7e: **Integrated Strategies for Intelligent e-Tourism and e-Heritage Environments**

Chair: **Krassimira Paskaleva-Shapira, Karlsruhe Research Center, Germany and Manchester Business School, UK**

**ISAAC SDI: The Construction of a Spatial Data Infrastructure for Cultural Heritage**

Nils de Reus, SPINlab, VU University Amsterdam, Netherlands

## Encouraging Cultural Exploration: A Dynamic Tour Guide based on Personalised Contextual Information and Ad-hoc Planning

Jens Keil, Fraunhofer Institute for Computer Graphics, Germany

## An Integrated ICT Architecture for Intelligent Content Harmonization in European Cultural Heritage Domain

Maurizio Megliola, TXT e-solutions, Italy

## An e-Governance System for Managing Cultural Heritage in Urban Tourist Destinations: The Case of Genoa

Aline Chiabai, Fondazione Eni Enrico Mattei, Italy

### Discussion

14:00 Session 7f: [eHealth Case Studies](#)

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

### Turkey's National Health Information System (NHIS)

Nihat Yurt, Ministry of Health, Turkey

### eAdoption in Practice. Case of the Dutch Electronic Out-of-hours Record

Mildo van Staden, TNO, Netherlands

### Mobile Caregivers in Continuous Care Networks: A Supporting Multi-channel Multimedia Platform

Alessandro Mamelli, Hewlett-Packard, Italy

### An Overall Framework for the Evaluation of Research & Development Project Systems

Androkis Mavridis, ALTEC SA Information and Communication Systems, Greece

14:00 Session 7g: [Successful Collaboration Approaches to Empower SMEs to Innovate](#)

Chair: [Tanja Vos, Instituto Tecnológico de Informática, Spain](#)

### SME collaboration: Trick or Treat?

Manon van Leeuwen, Fundecyt, Spain

### Empowering SMEs to Participate in Collaborative Projects

Katrin Reschwamm, Fraunhofer Institute for Factory Operation and Automation (IFF), Germany

### Discussion

14:00 Workshop 7h: [Turning Public-Private Outside-in: The Citizens' Services](#)

Chair: [Madeleine Siösteen Thiel, VINNOVA \(Swedish Governmental Agency for Innovation Systems\), Sweden](#)

### Introduction

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

### The Concept of Citizen-centered

Lars Albinsson, University College of Borås, Sweden

### Analysis and Scenarios

Kim Davis, Research Council of Norway, Norway

### Discussion and Future Plans

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

### Discussion

15:30 Coffee Break: [Exhibition & Networking](#)

16:00 Workshop 8a: [Networked Enterprise and RFID Adoption in Manufacturing and Service Industries: Current Trends and Implications](#)

Chair: [Stefan Lilischkis, empirica GmbH, Germany](#)

### How Bytes Meet Coils: ICT and e-Business in the Steel Industry

Stefan Lilischkis, empirica GmbH, Germany

### The Effects of ICT and e-business on EU Trade: A Retail Industry Perspective

Maria Woerndl, empirica GmbH, Germany

### RFID & Wireless Meshed Networks in Europe: Ticket to Ride

Ivano Ortis, IDC, Italy

### Discussion

16:00 Session 8b: [eGovernment - eProcurement & Monitoring Framework](#)

Chair: [Jim Yip, University of Huddersfield, United Kingdom](#)

### The Evolution of e-Procurement within Swedish Municipalities from 2001 to 2008

Anne Engström, Lulea University of Technology, Sweden

## Interoperable Public E-Procurement and the European PEPPOL Project

Claudia Bachkönig, Bundesrechenzentrum GmbH, Austria

## Monitoring framework for Cross-organizational eGovernment Scenarios – A Process Oriented Approach

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

16:00 Workshop 8c: [Ambient Assisted Living](#)

Chair: [VINNOVA \(Swedish Governmental Agency for Innovation Systems\), Sweden](#)

### Presenters will be published in August

16:00 Workshop 8d: [Use of Electronic Identity in the Academic Environment. Facilitating the Bologna Process](#)

Chair: [Milan Sovan, Cesnet, Czech Republic](#)

### Federated Identity Infrastructure for the Andalusian Universities. Deployment of a Multi-technology Federation

Victoriano Giralt, University of Malaga, Spain

### Design and Reference Implementation of a Distributed URN Registry: URNreg

Candido Rodriguez Montes, RedIRIS, Spain

### Design and Reference Implementation of a Federated Single Logout System

Sergio Gomez Bachiller, University of Cordoba, Spain

### Identity Architectures for Innovative Technology-Enhanced-Learning

Jose Alfonso Accino, University of Malaga, Spain

### Discussion

16:00 Session 8e: [Legal Applications & Case Studies](#)

Chair: [Gareth MacNaughton, Lane & Hapiak Consulting, France](#)

### An Ontology for Describing the Legislative Process and Introducing Participatory Aspects

George Gionis, National Technical University of Athens, Greece

### Law-driven eGovernment Applications and Interoperability

Patries Kordelaar, Pharosius, Netherlands

### BALTICTIME – the Demonstration of Open Source Technologies Application for Legal and Accountable Digital time Stamping

Rimantas Miskinis, Semiconductor Physics Institute, Lithuania

### Quis custodiet ipsos custodios in the Internet: Self-Regulation as a Threat and a Promise

Jonathan Cave, RAND Europe, United Kingdom

### Discussion

16:00 Workshop 8f: [Realising the Potential of Virtual Communities in e-Health: From the Micro to the Macro](#)

Chair: [Terry Newholm, University of Manchester, United Kingdom](#)

### A Patient Care Electronic Diary to Empower the Patient and their Virtual Care Team

Michael Rigby, Keele University, United Kingdom

### Function, Content and Process in Online Health Communities: Implications for e-Health

Debbie Keeling, University of Manchester, United Kingdom

### Discussion

16:00 Session 8g: [SME Issues & Case Studies](#)

Chair: [Peter Weiss, University of Karlsruhe, Germany](#)

### A Mobile Multi-Supplier Sales Information System for micro-sized Commercial Agencies

Holger Kett, Fraunhofer IAO, Germany

### Implementation of an Aml system in a Manufacturing SME

Simrn Kaur Gill, CIMRU, Ireland

### Importance of ICT for Technology-based Small Firm's Networking

Vinit Parida, Luleå University of Technology, Sweden, Sweden

### A Meta-Model for Knowledge Management Approaches

Eckhard Ammann, Reutlingen University, Germany

### Knowledge Circulation in ICT - the Virtue of Practice-oriented Research

Henk de Poot, Telematica Instituut, Netherlands

16:00 Workshop 8h: [ICT for Governance and Policy Modelling](#)

Chair: [Aniyah Varghese, European Commission, Belgium](#)

**A New Paradigm: Exploring the Potentials of Social Dynamics, Mass Collaboration and Policy Simulation for Governance**

Elmar Husmann, IBM, Belgium

**Policy Modelling Platform with Dynamic Interaction of Citizen and Businesses**

Ali Bayar, Free University of Brussels (ULB), Belgium

**New Challenges for Future Citizen Centric Governance:**

**Capitalising on Social Networking and Web3**

Jeremy Millard, Danish Technological Institute, Denmark

**Significant Industrial Potential of Research in Governance and Policy Modelling**

Lanfranco Marasso, Engineering Santa Ento Locali, Italy

**Discussion**

17:30 [End of Conference Day](#)

18:30 - 19:15 [Transport by Boat to Gala Dinner from outside Grand Hotel](#)

19:15 [Gala Dinner, Vasa Museum](#)



Friday,  
October 24,  
2008

**DAY**

09:00 Tutorial 9a: [Software and Services: Current Status and Future Research Directions](#)

Chair: [Arian Zwegers, European Commission, Belgium](#)

09:00 Session 9b: [eGovernment Case Studies](#)

Chair: [Richard Stevens, European Genetics Foundation, Italy](#)

**Web 2.0 and the Implications for E-Government**

Dennis de Kool, Erasmus University Rotterdam, Netherlands

**Business Models for Public Private Partnership: The 3P Framework**

Jonas Hedman, Copenhagen Business School, Denmark

**Empirical Evaluation of Network Externalities in Data Standards**

**Diffusion in a Subset of European Organizations**

Bruno Rossi, Free University of Bozen-Bolzano, Italy

**Urban Security Dashboard**

Mario Sechi, CSI-PIEMONTE, Italy

**Challenges in the Digital Cities and Regions in Portugal**

Maria Simões, Centre of Social Studies of the University Beira Interior (ubi\_CES), Portugal

09:00 Session 9c: [Collaborative Working Environments: Case Studies 1](#)

Chair: [Peter Weiss, University of Karlsruhe, Germany](#)

**Collaborative working environments in the Construction Sector**

Valentin Sanchez, Tecnalia - Robotiker, Spain

**DoQui - The Document Management Platform to Support the Piedmont PA**

Domenico Luca', CSI-Piemonte, Italy

**Cost, Benefit Engineering for Collaborative Knowledge Creation within Knowledge Workspaces**

Ali Imtiaz, Research Institute for Operations Management (FIR) at RWTH Aachen, Germany

**Productivity Assessment of Knowledgeworker Teams**

Bernhard Katzy, CeTIM, Germany

09:00 Session 9d: [Digital Libraries Case Studies](#)

Chair: [Roger Wallis, Royal Institute of Technology, Sweden](#)

**Emerging and Conflicting Business Models for Music Content in the Digital Environment**

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

**Heritage in Digital Times: Yes Please or No Thanks, Not Yet?**

Joke Beyl, IBBT-SMIT, Vrije Universiteit Brussel, Belgium

**The Move towards a Sharper "I": the e-Challenge of Energy Digital Libraries**

Yasser El Shayeb, Cairo University, Egypt

09:00 Session 9e: [Security Case Studies and Issues](#)

Chair: [Stefan Wesner, High Performance Computing Centre Stuttgart, Germany](#)

**When Little Brother is watching you it is time to ask: Who has the Right to Mediate Personal Data?**

John Sören Pettersson, Karlstad University, Sweden

**Multimodal Biometric Authentication in Secure Environments**

Dimitrios Tzovaras, Centre For Research and Technology Hellas, Greece

**Federation of Circles of Trust and Secure Usage of Digital Identity**

Alexis Davoux, Orange Labs, France

**Linkage Control - Integrating the Essence of Privacy Protection into Identity Management Systems**

Marit Hansen, Independent Centre for Privacy Protection, Germany

## Dynamic Access Control Management for Distributed Biomedical Data Resources

Matthias Assel, High Performance Computing Center of University Stuttgart, Germany

09:00 Workshop 9f: **Social Care Informatics - An Essential Part of eHealth Services to Citizens**

Chair: **Michael Rigby, Keele University, United Kingdom**

### Ensuring Trust and Governance in E-Social Care

Michael Rigby, Keele University, United Kingdom

### Social Care Informatics: Beginning to Face up to the Reality of the Mixed Services Economy?

Penelope Hill, Warwickshire County Council, United Kingdom

### Discussion

09:00 Session 9g **eDemocracy & eParticipation**

Chair: **Ann Macintosh, University of Leeds, United Kingdom**

### Is e-Voting a Possibility for Botswana's 2014 General Elections?

Gladys Mokhawa, University of St Andrews, United Kingdom

### The Internet and the Political Marketing: An Analysis of how the Political Parties and Candidates used the Internet during the 2006 Mexico's Presidential Campaign

Celestino Robles-Estrada, Universidad de Guadalajara, Mexico

### Experiencing Pan-European Semantic Web Services. A Public Organizations' Perspective

Ioannis Savvas, Region of Central Macedonia (RCM), Greece

### Towards Interactive Public Decisions: Connecting Participatory Processes and Institutional Contexts

Mats Danielson, Stockholm University and Royal Institute of Technology, Sweden

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

11:00 Session 10a: **eInclusion & eAccessibility**

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

### Promoting the Adoption of Internet among Elderly People

Håkan Selg, Uppsala University, Sweden

### Measuring the Level of inclusion within Exclusion Prone groups of the European Community: Findings of the ICT for ALL project

Bence Kollanyi, Corvinus University, Hungary

### Profiling the non-user: ICT Acceptance Measures based on Strategies of Segmentation and Differentiation

Pascal Verhoest, Fedict, Belgium

11:00 Session 10b: **eGovernment Case Studies II**

Chair: **Ulf Blomqvist, VINNOVA, Sweden**

### A Qualitative Diagnosing Methodology for IS Failure

Sherif Mohamed Zahran, Faculty of Computers and Information -Cairo University [FCI-CU], Egypt

### Needs for a Semi-Open Source Software Business Model for Local Governments

Anna Öhrwall Rönnbäck, Linköping University, Sweden

### Paving Roads towards eGov Inclusion: A Portuguese Inter-municipal Case Study

Solange Rito Lima, University of Minho, Portugal

### SyC - Show your Card

Franco Carcillo, City of Turin, Italy

11:00 Workshop 10c: **Collaborative Working Environments: Case Studies**

Chair: **Hans Schaffers, Helsinki School of Economics & ESOCe Net, Netherlands**

### inContext, Interaction and Context Based Technologies for Collaborative Teams

Christian Melchiorre, Softeco Srl, Italy

### POPEYE, a Peer-to-peer Collaborative Working Environment over Mobile Ad-hoc Networks

Paolo Gianrossi, Sotren Engineering Srl, Italy

### Collaborative Working Issues and Challenges in Knowledge Work Environment: Insights from Two Cases

Bernhard Katzy, CeTIM, Germany

### Collaboration environment: A Single Point of Access into Networks of Knowledge

Dan Harnesk, Luleå University of Technology, Sweden

## Collaboration Environments Instantiation Process through Interoperable Platforms

Javier Garcia Guzman, Carlos III University, Spain

11:00 Session 10d: **Digital Libraries Applications and Case Studies**

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

### Designing an Automated Prototype Tool for Preservation Quality Metadata Extraction for Ingest into Digital Repository

Yunhyong Kim, University of Glasgow, United Kingdom

### Semantic Multi-language and Multi-ontology Framework for Digital Content Management and Sharing

Stefano Bianchi, Softeco Sismat SpA, Italy

### Tackling the Risk Challenge: DRAMBORA (Digital Repository Audit Method Based on Risk Assessment)

Perla Innocenti, University of Glasgow, United Kingdom

11:00 Session 10e: **Security Applications**

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

### A Meta Model Generator for Implementing Access Control and Security Policies in Distributed Systems based on Model-Driven Architecture

Mirad Zadic, ARC Seibersdorf research GmbH., Austria

### Enabling True Single sign-on for Grid Portals

Efstathios Karanastasis, ICCS/NTUA, Greece

### Anonymous, Liberal, and User-Centric Electronic Identity - A New, Systematic Design of eID Infrastructure

Libor Neumann, ANECT a.s., Czech Republic

11:00 Workshop 10f: **Smart Textiles and Service Innovations in Tele-care Services**

Chair:

### An Introduction to Healthwear Project, its Scope and Motivation

Christos Malliopoulos, Cosmote Mobile Telecommunications SA, Greece

### Smart Textiles and the Portable Patient Unit

Rita Paradiso, Milior SpA, Italy

### Recording of Physiological Indicators and Patient Monitoring: Technologies and Architectures

Theodoros Vavouras, Atkosoft SA, Greece

### Service Validation: Clinical Trials on the Early Discharge of Respiratory Patients

Periklis Giovas, B'YPE Sotiria General Chest Disease Hospital, Greece

### Service Validation: Clinical Trials on the Rehabilitation of Cardiac Patients

Domenico Cianflone, Hospital San Raffaele - HSR, Italy

### Service Validation: Clinical Trials on the Evaluation of the Mobility of Stable Chronic Patients

Albert Alonso, Hospital Clinic - Universitat de Barcelona, Spain

11:00 Session 10g: **eDemocracy & eParticipation II**

Chair: **Gareth MacNaughton, Lane & Hapiak Consulting, United Kingdom**

### CitizenScape discussion paper – Working with Web 2.0 to Engage Citizens with Democracy

Catherine Howe, Public-i, United Kingdom

### The Piemonte Assembly towards e-Democracy: The Interregional project SESAMO

Elena Fenoglio, CSI Piemonte, Italy

### Consumer Protection and the Regions – A New Model of Citizen Participation in European Legislation

Matthias Holzner, MFG Baden-Württemberg mbH, Germany

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

13:30 Closing Plenary Session 11a:

Chair: **tbc**

### Exploiting the Benefits of the Information Society

Per Unckel, County Governor of Stockholm, Sweden

### eGovernment Problems and Advances – a Lithuanian Perspective

Edmundas Žvirblis, Information Society Development Committee, Lithuania

### eGovernment - Where Do We Go From Here: Work and Vision for e2015

Urban Funered, Ministry of Finance, Sweden

## Tours in Stockholm

There are a variety of tours available during and after eChallenges e-2008 for delegates and accompanying persons to experience everything Stockholm has to offer. Tickets can be purchased in advance via online registration up to 08 October and will be included in the delegates pack provided at on site registration.

It is necessary for delegates to go to the departure place at least 30 minutes in advance and hand their ticket in at the kiosk.

### *Under the Bridges of Stockholm*

See all of the City of Stockholm from the water. A great tour showing you the city from a waterfront perspective. Pass under 15 bridges and pass through two locks. Travel both on Lake Mälaren as well as the Baltic Sea, while passing many of Stockholm's most famous buildings and sights. Departures daily from Strömkajen (by the Grand Hotel) at 11.00, & 13.00. The tour lasts 1hr 50 mins and costs €20 per person.

### *Royal Canal Tour*

Pass through the inner parts of Stockholm including Strandvägen and the Vasa Museum, before entering the shady canal of Djurgården with its green and lush surroundings. As the canal opens out into the sea, pass Fjäderholmarna, the closest of the archipelago islands, before heading back towards the city along Södermalm, Slussen and the Old Town. Departures daily from Strömkajen (by the Grand Hotel) at 10.30, 11.30, 12.30, 13.30 & 14.30. The tour lasts 50 mins and costs €16 per person.

### *Archipelago Tour, with Guide*

For anyone who wants to see Sweden's and Stockholm's unique archipelago in a limited amount of time. See Stockholm from the water before venturing out into the archipelago. Your guide will tell you all about life in the archipelago while passing some of the 24.000 islands. Departures from Nybroplan/Strandvägen at 12.00 on Saturday and Sunday only. The tour last 2.5 - 3 hrs and costs €22 per person.

### *Brunch Cruise & Archipelago Tour, with Guide*

A pleasant combination of a nice brunch with an open buffet and a chance to see Sweden's and Stockholm's unique archipelago in a limited amount of time. See Stockholm from the water before venturing out into the archipelago. Your guide will tell you about life in the archipelago while passing some of the 24.000 islands. Departures on Saturday and Sunday only from Nybroplan/Strandvägen at 12.00. The tour last 2.5 - 3 hrs and costs €45 per person.

### *Stockholm Panorama Bus Sightseeing*

See most of Stockholm in 90 minutes. See the most famous buildings and views including a stop at Fjällgatan, where the view of Stockholm's islands and waters is magnificent. Departures daily from

Gustav Adolfs Torg (by the Opera House) at 10.00, 12.00 & 14.00. Tickets cost €27 per person.

### *Stockholm in a Nutshell*

A combination tour showing you the whole of Stockholm from land and water. Start with a coach trip around the city, viewing the best known buildings and sights. After an hour and a half, transfer to a boat for a tour around the Royal Park of Djurgården. Departures daily from Gustav Adolfs Torg (by the Opera House) at 10.00 & 12.00. The combination tour lasts for 2.5 hrs (€37 per person).

### *Hop On Hop Off Bus Tour – Travel Pass*

Welcome to Open Top Tours. We offer a sightseeing tour around Stockholm with open top double decker buses. Passing most of Stockholm's main sights, you decide when to get on and off the bus along the route – the ticket is valid for unlimited use over 24 hours. Ticket includes entrance fee to Gröna Lund Tivoli and Casino Cosmopol. Departures daily every 18 minutes (€25 per person).

### *Stockholm by Light, Dinner Cruise*

Dinner Cruise by MS Cinderella taking you out into the archipelago. Departure daily from Strandvägen at 18:30. This cruise lasts for 3 hours and costs €61 per person for a 4 course tasting menu (drinks not included).

### *Dinner cruise to Vaxholm*

Prepare yourself for an evening of culinary delights on the waters of the Baltic. The menu centres on top class produce with a Swedish twist. A three course dinner set menu will be served (drinks not included). Departure from Strandvägen on Friday only at 19:00. Tickets cost €61 per person.

## Registration Information

It is necessary for all **eChallenges e-2008** delegates to register separately online. Please use your existing log-in details for Online Registration.

## Conference Fees

### Authors Fees (Due by 15 July)

- 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

**EU New Member States (1)** Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia, Slovenia, Bulgaria, Romania

**EU Candidate Countries (2)** Croatia, Turkey

**Developing Countries (3)** **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)

## Terms & Conditions

1. All authors who are presenting a paper or making an oral presentation at **eChallenges e-2008** must complete payment registration online by **15 July** 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 August**.
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-2008** 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-2008** 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, 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 21 October from 15:00 to 19:00 and will remain open during normal Conference hours from 08:00 on Wednesday 22 October.



## Exhibition

**eChallenges e-2008** features an Exhibition, which provides the opportunity to showcase innovative research results and applications through technology demonstrations, whether funded commercially or at national, regional or European level. While some space will be offered for posters, most of the Exhibition will be reserved for technology demonstrations.

Demonstration stands are reserved for live technology demonstrations, but can feature early prototypes or a pre-commercial launch to a highly targeted, knowledgeable community.

Participation in the Exhibition is rewarding, as it provides a valuable opportunity to make international contacts and to build relationships with potential partners or clients from around the world.

To maximise demonstration and networking opportunities for exhibitors, all coffee breaks and the Networking Cocktail are held in the Exhibition area.

The **eChallenges e-2008** Organising Committee is subventing the costs of a limited amount of exhibition space for suitable demonstrations and posters under a Competitive Call for Exhibitors. There will also be a Swedish National Pavilion sponsored by VINNOVA, showcasing Swedish RTD activities. Swedish organisations interested in participating should complete the online Exhibition form. However, such applications will be evaluated separately to those considered for inclusion in the International Exhibition.

Potential exhibitors will be selected based on the quality and relevance of their submission to the conference themes, with preference given to those presenting innovative technology demonstrations. To access the Exhibition Application Form online, please visit [www.eChallenges.org](http://www.eChallenges.org)

Applications will be accepted up to **29 August**. All applicants who apply via the Competitive Call will receive feedback by **03 September**. Successful applicants must complete payment registration by **10 September**.

Since the level of competition for available exhibition stands is likely to be high, applicants are advised to clearly describe what they plan to demonstrate and the potential interest and value-add for conference delegates.

## General Terms & Conditions

1. All demonstration stands must be manned during specific exhibition times (10:30 - 11:00, 12:30 - 14:00, 15:30 - 16:00).
2. All accepted exhibitors (demonstration stand) must register and pay for 2 conference delegates/presenters by **10 September**.
3. Exhibitors will make a contribution of €550 towards the cost of their demonstration stand or €70 for a stand-alone poster stand. The conditions for Swedish Exhibitors is outlined in Clause 4 below. Free Wi-Fi is provided in the Exhibition area.
4. Accepted Swedish Exhibitors will be provided with a sponsored demonstration stand/poster space in the Swedish National Pavillion. As outlined under Clause 2 Swedish Exhibitors will cover their own conference registration fees.
5. PCs, monitors and dedicated Internet access are additional cost items which are not sponsored. Each exhibitor is directly responsible for ordering and paying for such services, if required, with relevant local suppliers.
6. Stand material, posters and literature should be put in place between 14:00 - 19:00 on Tuesday 21 October or before 08:30 on Wednesday 22 October. All stands must remain in place until 13:30 on Friday 24 October, after which Exhibitors have until 16:30 to remove all materials.
7. Material may be removed if the content or quality is not regarded as suitable by the **eChallenges e-2008** Organising Committee. No refund will be provided in such circumstances.
8. While the conference will not be open to the general public and the Exhibition area will be locked each evening, the organisers cannot take responsibility for any losses incurred and exhibitors should ensure that they have sufficient insurance cover.

The **eChallenges e-2008** Organising Committee is sponsoring an Award for the Best Conference Paper and an Award for Best Demonstration Stand, which will be announced in the Closing Plenary on Friday 24 October.

You should always refer to the Conference Portal for the most up to date information.

**Conference Portal & Delegate Showcase**  
[www.eChallenges.org](http://www.eChallenges.org)

### e-2008 Supporting Organisations

