

eChallenges e-2009

Final Programme

Istanbul - Turkey

21 - 23 October 2009

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Introduction

The **eChallenges e-2009** Conference & Exhibition takes place 21 – 23 October in Istanbul, Turkey. This is the nineteenth 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 ICT for Networked Enterprises, eGovernment and eDemocracy, eHealth, Technology Enhanced Learning, Intelligent Content, Collaborative Working Environments, Living Labs, eInfrastructures, High Performance Computing Applications, 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-2009** 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-2009?

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-2009 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 Programme of FP7, as well as discussing proposal ideas with European Commission officials representing different units from DG INFSO.

The Venue

The **eChallenges e-2009** Conference & Exhibition takes place in the Marmara Istanbul, which is located on Taksim Square, Istanbul.

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 ICT for Networked Enterprises, eGovernment and eDemocracy, eHealth, Technology Enhanced Learning, Intelligent Content, Collaborative Working Environments, Living Labs, eInfrastructures, High Performance Computing Applications, Smart and Virtual Organisations, Mobility & Security and Identity Management 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** (21st October) and a **Gala Dinner** (22nd October), kindly hosted by TUBITAK and TURBo.

The Conference Programme is subject to change, and the **eChallenges e-2009** 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 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) 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-2009** 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 Istanbul. 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 (**Marmara Istanbul**). Rates for other hotels will be published in July.

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

eChallenges e-2009 delegates are strongly recommended to book their accommodation online early, as Istanbul 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).

Networking Reception

The Organising Committee are pleased to announce that a **Networking Reception** will be held in the Exhibition area in Marmara Istanbul on Wednesday 21 October, from 18:00 – 20:00.

Gala Dinner

The Organising Committee are pleased to announce that a **Gala Dinner**, hosted by TUBITAK and TUR&Bo will be held on Thursday 22 October.

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

Istanbul

Istanbul is in a unique position on the Bosphorus Strait, which connects the Black Sea to the Sea of Marmara and the Mediterranean, providing a crossroads between Europe and Asia.

Delegates should endeavour to visit some of the many historical and cultural attractions in Istanbul during their stay: Topkapi Palace, Dolmabahce Palace, Hagia Sophia, Blue Mosque, Hippodrome, Suleymaniye Mosque, Grand Bazaar and Spice Market.

Transport

From Istanbul Ataturk International Airport to Taksim Square

Marmara Istanbul Hotel (Taksim Square) is 25 kilometres from Istanbul Ataturk International Airport.

Havas Bus Company runs a schedule bus from Istanbul Ataturk International Airport to Taksim square in central Istanbul (European side). The bus stop is outside the arrivals door of the airport. Buses leave the airport every 30 minutes from 04:00 until 01:00. The bus arrives on the North side of Taksim Square. Walk back up to the main square and you will see the Marmara Istanbul across the square.

The bus leaves from the same stop outside the DHL office on the North side of Taksim Square. Go past the McDonalds, and the THY airline office, and you will see a timetable posted on the wall. Buses leave Taksim every 30 minutes from 04:00 until 01:00.

The journey takes between 30 - 45 minutes depending on traffic and costs TYL 10 for a single journey, which you pay directly to the bus driver in local currency.

A taxi to Taksim Square will cost in the region of 20 US Dollars and take up 30 -40 minutes depending on traffic. Please note that there is an additional 50% charge between 24:00 - 06:00..

Transport within Istanbul

Istanbul has a metro, bus and tram network. There is a metro station across the road from Marmara Istanbul Hotel in Taskim Square.

Sponsorship Opportunities

e-2009 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-2009** already include TUBITAK and TURBo. **eChallenges e-2009** is also Supported by the European Commission and

Technically Co-Sponsors by IEEE.

Silver Sponsors for **e-2009** include MILSOFT and OYTEK. Bronze Sponsors include Mikro Bilgi Kayit ve Dagitim A.S. and ESBCO Publishing.

Previous Sponsors include the European Commission, Ministry of Enterprise, Energy and Communications, VINNOVA (Swedish Governmental Agency for Innovation Systems), City of Stockholm, County Administrative Board of Stockholm, 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

Tours in Istanbul

There are a variety of tours available during and after eChallenges e-2009 for delegates and accompanying persons to experience a selection of what Istanbul has to offer. Tickets can be purchased in advance via online registration up to 12 October and will be included in the delegates pack provided at on site registration.

It is necessary for delegates to go to the pick up point on Taksim Square at least 10 minutes in advance and hand their ticket in at the kiosk.

Istanbul Classics (Tuesday morning)

Visit Sultan Ahmet Center (where Byzantine and Ottoman Empires were ruled in the heart of the Old City), Hagia Sophia (constructed as a basilica in the 6th century by Emperor Justinian), Blue Mosque (opposite Hagia Sophia, famous with its blue Iznik tiles and unique with 6 minarets, built in the name of Sultan Ahmet), Hippodrome and Grand Bazaar. Bus leaves Taksim Square at 08:00 on Tuesday morning and half-day morning tour finishes at Sultan Ahmet Center near Hagia Sophia. This allows you the opportunity to spend more time in the Grand Bazaar if desirable or walk around the Old City. Tour costs €30 per person, which includes transport and English speaking guide.

Dolmabahce Palace & Two Continents (Tues/Fri PM)

Visit the magnificent Dolmabahce Palace, recent residence for Ottoman Sultans with 365 rooms and 22 saloons. Famous for its great collection of European antiquity, furniture and 4.5 tons chandelier. A Palace guide takes the group through the palace providing a history and context for each area that is viewed. The guided tour within the Palace lasts for approximately one hour and participants are not allowed to view

areas unsupervised. Following the visit to the Palace, the bus will drive over the Bosphorus Bridge to allow you to see how Istanbul rests on European and Asian continents and will then drive to Camlica Hill for a panoramic view of Istanbul and the Bosphorus. Tour available on **Tuesday afternoon** and **Friday afternoon** and costs €30 per person. It includes transport and English speaking guide and entrance to Dolmabahce Palace.

Ottoman Relics (Wednesday afternoon)

This half day afternoon tour commences with a visit to the Topkapi Palace, residence of the Ottoman Sultans exhibiting imperial treasury, sacred Islamic relics, kitchen, Chinese porcelain, weapons, calligraphy section etc.

The Rüstem Pasa Mosque, designed by the court architect Sinan for the Grand Vizier of Süleyman The Magnificent is a typical sample of Islamic architecture amidst the rows of shops near the Spice Bazaar.

Tour available on Wednesday afternoon and costs €30 per person, which includes transport and English speaking guide and entrance to Topkapi Palace (excluding the Harem).

Bosphorus Cruise (Thurs PM or Sunday AM)

This tour is available as half-day tour on Thursday afternoon or Sunday morning.

Following the pick up at Taksim Square, you will see the Golden Horn, City walls and Spice Bazaar from the bus. The Bosphorus Cruise will allow you to see the architecture along the waterway on the European and Asia sides of the City including villas from the Ottoman era. You can also view the Rumeli Fortress from the water which is a historical armament built by the Conqueror to control and protect Bosphorus.

Tour costs €30 per person, which includes transport and English speaking guide.

Byzantine & Ottoman Relics (Saturday full day)

This full tour on Saturday incorporates the sites available within Istanbul Classics and the Ottoman Relics. The tour commences from Taksim Square at 08:00.

In the morning you will visit Sultan Ahmet Center (where Byzantine and Ottoman Empires were ruled in the heart of the Old City), Hagia Sophia (constructed as a basilica in the 6th century by Emperor Justinian), Blue Mosque (opposite Hagia Sophia, famous with its blue Iznik tiles and unique with 6 minarets, built in the name of Sultan Ahmet), Hippodrome and Grand Bazaar.

Following a light lunch, you will then visit Topkapi Palace (excluding the Harem), residence of the Ottoman Sultans and the Rüstem Pasa Mosque. Tour costs €60 per person, which includes transport, English speaking guide, entrance to sites being visited where relevant and light lunch (drinks are not included in lunch).

Plenary Session Speakers

Opening Keynote Speakers confirmed include:

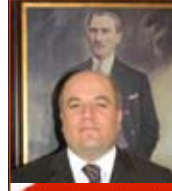
- **Prof. Mehmet Aydin**, State Minister responsible from R&D, Turkey
- **Mr João da Silva**, Director, DG Information Society and Media, European Commission
- **Mr Mustafa Kaplan**, President of Small & Medium Enterprises Development Organization (KOSGEB)
- **Mr Bendevis Palandöken**, President of The Confederation of Turkish Tradesmen and Craftsmen (TESK)



Prof. Mehmet Aydin
State Minister, Turkey



João da Silva
European Commission



Mustafa Kaplan
President of KOSGEB



Bendevis Palandöken
President of TESK

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-2009** Programme Committee includes

- **Paul Cunningham**, IIMC, Ireland (Chair)
- **Prof. Ferda Alparslan**, Middle East Technical University, Turkey
- **Dr. Ulf Blomqvist**, VINNOVA, Sweden
- **Dr. Jonathan Cave**, RAND Europe, UK
- **Dr. Yannis Charalabidis**, National Technical University Athens, Greece
- **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
- **Man-Sze Li**, IC Focus, UK
- **Gareth MacNaughton**, Lane & Hapiak Consulting, United Kingdom
- **Prof. Ann Macintosh**, University of Leeds, UK
- **Jesse B.T. Marsh**, Atelier Studio Associato, Italy
- **Mícheál Ó Foghlú**, TSSG, WIT, Ireland
- **Prof. Gregoris Mentzas**, National Technical University of Athens, Greece
- **Prof. Alvaro Oliveira**, Alfamicro Lda., Portugal
- **Dr. Stephan Raimer**, College of Cooperative Education Schleswig-Holstein (WAK-SH), Germany
- **Jonathan Sage**, IBM Business Consulting, UK
- **Prof. Cem Sarac**, ULAKBIM/TUBITAK, Turkey
- **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
- **Dr. Nihat Yurt**, Ministry of Health, Turkey

Organising Committee

- **Miriam Cunningham**, IIMC Ltd, Ireland
- **Paul Cunningham**, IIMC Ltd, Ireland
- **Ebru Basak**, TUBITAK (Scientific and Technological Research Council of Turkey), Turkey
- **Mehmet Gökgöz**, TuR&Bo ppp (Turkish Research and Business Organizations AISBL), Turkey



Conference Secretariat

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Conference Portal/Delegate Showcase

www.eChallenges.org



Wednesday,
October 21,
2009

08:00

Registration

09:00

Opening Plenary 1a

Chair: [Mehmet Aydin](#), State Minister responsible from R&D, Turkey

R&D Strategy and Vision in Turkey

Prof. Mehmet Aydin, State Minister responsible from R&D

Enabling a Smarter World

João da Silva, Director, DG Information Society and Media, European Commission

Understanding Dynamics, Building the 21st Century Information Society

Mustafa Kaplan, KOSGEB, Turkey

Impact of Developments in Information Technologies to the Market Regularity

Bendevis Palandöken, TESK, Turkey

Moderated Discussion

11:00

Coffee Break: Exhibition & Networking

11:30 Workshop 2a: [Pervasive Computing and Cooperative Environments in a Global Context](#)

Chair: [Antonio Marqués](#), ETRA I+D, Spain

Pervasive Computing and Cooperative Environments in a Global Context

Antonio Marqués, ETRA I+D, Spain

PECES Middleware Challenges

Marcus Handte, Fraunhofer IAIS, Germany

Context Ontologies - Enabling the Interaction of Embedded Devices in Heterogeneous Smart Spaces

Danh Le Phuoc, Digital Enterprise Research Institute (DERI), Ireland

TURTLE – Securing Distributed Embedded Systems

Manuel Serrano, ETRA I+D, Spain

Discussion Panel

11:30 Session 2b:

eGovernment - Issues

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

Interoperability and the STORK project

Vasilis Kouloulis, Gov2u, Greece

UYAP - The Turkish eJustice Project

Mesut Orta, Ministry of Justice, Turkey

E-Invoicing Management System in Turkey: A Flexible Solution

Arif Yildirim, Revenue Administration, Turkey

Connecting Public Services Communities 2008 Community building and policy-shaping Action

Sylvia Archmann, EIPA – European Institute of Public Administration, Netherlands

11:30 Session 2c:

Collaborative Working Environments 1: Issues

Chair: [Peter Weiss](#), FZI Forschungszentrum Informatik, Germany

Towards Context-Sensitive Data Access for Distributed Data Resources within Collaborative Working Environments

Matthias Assel, High Performance Computing Center Stuttgart, Germany

A Predictive Framework for Value Engineering within the Collaborative Knowledge Workspaces

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

Project Alignment - Collaborative Internet based Project Management

Kim Jansson, VTT Industrial Systems, Finland

Developing ICT Policies to foster cooperation between Europe and the Mediterranean Countries

Edward Jaser, Royal Scientific Society, Jordan

11:30 Session 2d:

Digital Repositories - Applications

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

Building a Web Archiving Infrastructure for Europe

Julien Masanes, European Archive Foundation, France

The Planets Testbed – A Collaborative Research Environment for Digital Preservation

Max Kaiser, Austrian National Library, Austria

Structural Model for Digital Repository Quality Evaluation in Context of Usage

Nerute Kligiene, Institute of Mathematics and Informatics, Lithuania

An Approach to Web-based System Construction Balancing Smooth Interaction, Safety and Budget Hosting

Andrzej P. Urbanski, Poznan University of Technology, Poland

11:30 Workshop 2e:

Best Practices for Multilingual Information Access

Chair: [Carol Ann Peters](#), Italian National Research Council, Italy

Introduction

Carol Ann Peters, Italian National Research Council, Italy

Best Practices in System-Oriented Aspects for Multilingual Information Access Applications

Martin Braschler, Zurich University of Applied Sciences, Switzerland

Best Practices in Multilingual Search Assistance

Julio Gonzalo, UNED, Spain

Importance of Language Resources for Multilingual Information Access

Khalid Choukri, ELRA/ELDA, France

Discussion

11:30 Session 2f:

eHealth Platforms

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

Optimized Data Synchronization for Mobile e-Health Platforms

Mustata Bogdan, RomSoft SRL, Romania

PERFORM: Personalised Disease Management for Chronic Neurodegenerative Diseases: The Parkinson's Disease and Amyotrophic lateral Sclerosis Cases

Dimitra Chaloglou, ANCO S.A, Greece

Adequate Requirements Analysis in Homely Rehab

Alexander Mertens, RWTH Aachen University, Germany

MyHealth@Age – Improving Health, Safety and Wellbeing for Elderly People in Remote Rural Areas

Suzanne Martin, University of Ulster, United Kingdom

11:30 Session 2g:

Networked, Smart and Virtual Organisations - Issues

Chair: [Bastian Koller](#), High Performance Computing Centre Stuttgart, Germany

New User Patterns on the Internet Challenge Today's Management

Håkan Selg, Uppsala University, Sweden

Concepts and Results of a Study on Distributed Innovation

Jens Eschenbaeche, BIBA, Germany

The IT Infrastructure of Virtual Knowledge Centres

Karoly Nagy, MoD, Hungary

Model for Incident Ticket Correlation for Inter-Organizational Service Delivery

Patricia Marcu, Leibniz Supercomputing Center, Germany

11:30 Workshop 2h:

Finding ICT Research Partners through Ideal-ist

Chair: [Ebru Başak Aköz](#), TÜBİTAK - The Scientific and Technological Research Council of Turkey

Introduction

Ebru Başak Aköz, TÜBİTAK - The Scientific and Technological Research Council of Turkey

Idealist - Your Worldwide ICT Support Network

Bert Van Werkhoven, SenterNovem, Netherlands

EEN – Encouraging SMEs to Participate in ICT Programme with the "Language of Business"

Gürsel KIZILASLAN, KOSGEB, Turkey

Synergy among the two Networks regarding Enhanced Participation of SMEs in ICT Proposals and Consortia Formulation: Case study: National Documentation Centre/ Idealist & EEN Synergies

Henry Scott, National Documentation Centre, Greece

Summary & Conclusions

Ebru Başak Aköz, TÜBİTAK - The Scientific and Technological Research Council of Turkey

13:00 Lunch Time: Exhibition & Networking

14:00 Workshop 3a: [Contracting in an eBusiness Environment](#)

Chair: [Peer Hasselmeyer, NEC Europe Ltd., Germany](#)

A Framework for SLA Specification and Negotiation in Next Generation Networks

Slavica Bostjancic Rakas, Mihailo Pupin Institute, Serbia

Service Level Agreements in Grid and Cloud Computing Environments: Real Protection for Customers?

Davide Maria Parrilli, K.U. Leuven, Belgium

Towards Optimal Creation of Service Level Agreements

Bastian Koller, HLRS, Germany

Enhancing a National Academic Computing Infrastructure with e-Contracting Capabilities

Peer Hasselmeyer, NEC Europe Ltd, Germany

An Enhanced Strategy for License Management in a Dynamic Grid Environment

Francesco D'Andria, Atos Origin, Spain

14:00 Session 3b: [eGovernment Services](#)

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

Interoperability of Electronic Invoicing with Accounting and Resource Planning Systems

Ahmet Alp, Cybersoft (C/S Information Technologies Ltd), Turkey

An eGovernment Architecture for Self-Service to Citizens: The Dutch Social Insurance case

Jack Verhoosel, TNO Information and Communication technology, Netherlands

A Citizen Centric Framework for Business Development in the Public Sector

Mikael Söderström, Umeå University, Sweden

The e-Citizen Charter as a Tool for Measuring Citizen Satisfaction on the basis of Life Events

Matt Poelmans, Burgerlink (Citizenlink), ICTU, Netherlands

14:00 Session 3c: [Collaborative Working Environments - Case Studies](#)

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

Dynamics of Collaborative Work in Global Software Development Environment

Kathleen Swigger, University of North Texas, United States

The Benefits of Working in Virtual Project Settings

Robert Verburg, Delft University of Technology, Netherlands

14:00 Session 3d: [Digital Library & Cultural Heritage - Case Studies](#)

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

World Heritage Digital Library in Portugal, The Convent of the Order of Christ and The Castle of the Order of the Temple

Jose A R Mendes, Instituto Politécnico de Tomar, Portugal

MMMedins: Multimedia Laboratories for Intangible Cultural Heritage

Jesse Marsh, Atelier Studio Associato, Italy

Revealing the Unknown in Cultural Heritage Documents

Fikret Hacizade, TUBITAK UEKAE, Turkey

High Resolution Digital Library of Cultural Heritage

Humbat Nasibov, TUBITAK UEKAE, Turkey

14:00 Workshop 3e: [IST-Africa - Linking European & African Researchers](#)

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

EU - Africa Research Cooperation Opportunities

Paul Cunningham, IIMC Limited, Ireland

Facilitating the Work of MPs via the use of ICT: The Africa4All Project

Vasilis Koulolias, Gov2u, Greece

Research Capacity and Challenges in Tanzania

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

Research Capacity and Challenges in Uganda

Loi Namugenyi, Uganda National Council for Science and Technology, Uganda

14:00 Workshop 3f: [Recent Progresses in eHealth Infrastructures](#)

Chair: [Asuman Dogac, Software Research and Development and Consultancy Ltd., Turkey](#)

NOCTURNAL: Night Optimised Care Technology for UseRs Needing Assisted Lifestyles

Huiru Zheng, University of Ulster, United Kingdom

Hospital Pilot Application in the SAPHIRE Platform: Integration of Wireless In-hospital Monitoring with European Guidelines in Acute Cardiac Patients

Ana-Gabriela Frunteleta, Emergency Hospital of Bucharest, Romania

Automatic Transformation of Local EHRs to the International Standards: Application in Turkey's NHS

Mustafa Yuksel, Software Research, Development and Consultancy Ltd., Turkey

14:00 Session 3g: [Networked, Smart & Virtual Organisations - Applications](#)

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

A Framework for Managing the Complexity of Business Document Integration

Michael Strommer, Research Studios Austria, Austria

Knowledge Management – Process oriented KM system and Business Case

Peter Laing, FIR - Research Institute for Operations Management at RWTH Aachen University, Germany

Information and Service Modelling for Collaborating ISPs

Jane Hall, Fraunhofer FOKUS, Germany

Challenges Faced in Building a Virtual Organization for Seismology in South Eastern Europe

Can Ozturan, Bogazici University, Turkey

14:00 Workshop 3h: [E-Transformation in Turkey](#)

Chair: [F. Mehmet Gökgöz, Turkish Research and Business Organizations \(TuR&Bo ppp\), Belgium](#)

The Information Strategy in Turkey and e-Government

Recep Çakal, State Planning Organisation, Turkey

e-Government at a Glance in Turkey

Ramazan Altınok, Prime Ministry, Turkey

e-Health and Telemedicine in Turkey

Nihat Yurt, Ministry of Health, Turkey

Turkish eID Card: An Innovative Turkish e-Government Application

Oktay Adalier, TUBITAK UEKAE, Turkey

Discussion & Conclusions

15:30 Coffee Break: Exhibition & Networking

16:00 Workshop 4a: [Contracting in an eBusiness Environment II](#)

Chair: [Maria Tsakali, European Commission, Belgium](#)

A Lightweight Semantic Bridge between Clouds and Grids

John Brooke, University of Manchester, United Kingdom

Service Level Agreements in Virtualised Service Platforms

Roland Kübert, HLRS, Germany

A Subscription and Notification Mechanism for dynamic SLA Evaluation in GRIA

Magdalini Kardara, ICCS/NTUA, Greece

A Modelling and Reasoning Framework for Representing and Orchestrating Service Level Agreement Behaviour

Miguel Ponce de Leon, TSSG, Waterford Institute of Technology, Ireland

Building Business Trust: Inter-organizational information sharing supported by Grid technologies

Fotis Aisopos, NTUA, Greece

16:00 Workshop 4b: [Digital Cities: Bringing Digital Public Services to the Local Communities](#)

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

Digital Cities for the Next Generation: Research Challenges from the Field

Yannis Charalabidis, National Technical University Athens, Greece

Building Digital Infrastructures and Services in Municipalities: The Case of e-Trikala

Olivera Djordjevic, e-Trikala, Greece

Developing Digital Cities in the Context of the Knowledge-Based Economy: Towards an Integrated Approach

Emmanouil Ergazakis, National Technical University of Athens, Greece

Developing Digital Cities Best Practices: The Case of Almere
Tamer el Masri, Almere Kennisstad, Netherlands

16:00 Workshop 4d: [Integrated e-Services for Cultural Tourism](#)

Chair: [Krassimira Paskaleva-Shapira, Karlsruhe Research Center and Manchester Business School, Germany](#)

Intelligent Tourism through Ubiquitous Services: Lessons Learnt from two Field Studies

Antony Evans, British Maritime Technology Ltd, United Kingdom

Integrated e-Services in eTourism: the ISAAC system in Leipzig
Krassimira Paskaleva-Shapira, Karlsruhe Research Center and Manchester Business School, Germany

Capturing Users' Preferences for Cultural Tourism e-Services: An eParticipation Focus

Ian Cooper, Karlsruhe Research Centre, United Kingdom

Discussion

16:00 Workshop 4e: [IST-Africa - Linking European & African Researchers II](#)

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

Research Capacity and Challenges in Lesotho

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

Research Capacity and Challenges in South Africa

Segopotso Moshapo, SAP Research CEC Pretoria & Tendani Nevondo, Wits Enterprise, South Africa

Research Capacity and Challenges in Namibia

Immolatrix Onguebu, Ministry of Education, Namibia

Research Capacity and Challenges in Botswana

Oabona Monngakgotla & Enoch Senyatso, Ministry of Communications, Science and Technology, Botswana

Discussion

16:00 Session 4f: [eHealth - Issues and Applications](#)

Chair: [Nihat Yurt, Ministry of Health, Turkey](#)

Inequality Problems in the Distribution of Radiologists in Portugal: Requirements for the Creation of an Imaging Marketplace

Daniel Polonia, University of Aveiro, Portugal

Web-based Workplace Health Promotion

Johannes Sametinger, Johannes Kepler University Linz, Austria

High Definition Videoconferencing: The Future of Collaboration in Healthcare and Education

Piotr Pawalowski, IChB PAS PSNC, Poland

eLearning for Basic Life Support: CPR Knowledge for Citizens

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

16:00 Session 4g: [Networked, Smart & Virtual Organisations - Case Studies](#)

Chair: [Peter Laing & Ali Imtiaz, FIR: Institute for Operations Management at RWTH Aachen, Germany](#)

Centre of Excellence in University Research as an Innovative Organisation

Jari Multisilta, Tampere University of Technology, Finland

eCollaboration in Proactively Learning Organizations: more than just a buzzword!

Viviana Gaballo, University of Macerata, Italy

A Case on Comprehensive Software Development Framework Driven by Requirements: ReDSeeDS

Ozgur Tufekci, Cybersoft C/S Information Technologies Ltd, Turkey

Flexible Creation of Virtual Companies to Satisfy the New Market Demands in the Tourism Sector

Jesús Herrero Arranz, Robotiker-Tecnalia, Spain

16:00 Workshop 4h: [Turkey in European Research Programmes - Success Stories](#)

Chair: [Mehmet Fatih Berber, TAV BİLİŞİM HİZMETLERİ A.Ş., Turkey](#)

3DPHONE: Developing an All-3D Imaging Mobile Phone

Tolga Çapın, Bilkent Üniversitesi, Turkey

MOBILE3DTV: Demonstrating the Viability of the New Technology of Mobile 3DTV

Gözde Bozdağı Akar, METU CS, Turkey

METU-MEMS Research and Application Center:

MicroElectroMechanical Systems (MEMS) Technology in Turkey

Tayfun Akin, METU-MEMS Center, Turkey

SEMbySEM: A Framework For Sensors Management

Guven Fidan, AGM Lab, Turkey

Discussion and Conclusions

17:30 End of Parallel Sessions

17:35 Tutorial 5a: [At Crossroads: Internet of Services Research Beyond Call 5](#)

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

18:15 Networking Reception, Exhibition Area



Thursday,
October 22,
2009

09:00 Workshop 6a: **Future Internet Services and Applications - Issues, Direction and Rationale**

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

The Internet of Futures: Perspectives and Issues
Man-Sze Li, IC Focus, United Kingdom

A Decentralized Wiki as Web 2.0 Enterprise Collaboration Platform

Jörg Müller, TU Clausthal, Germany

Internet of Services - Evolution or Revolution?

Arian Zweegers, European Commission, Belgium

Discussion

09:00 Workshop 6b: **e-Government Cooperation among European countries and Korea**

Chair: **Ahmet Kaplan, Turksat A.S., Turkey**

Turkish Korean Cooperation

H.E. Jae-Hyun Bae, Ambassador of the Republic of Korea, Turkey

Korea's National Informatization Strategy: Present and Future

Nam-kyo Seo, Ministry of Public Administration and Security, Republic of Korea

e-Government Strategic Plan Using Green IT

Myung-Won Song, National Information Society Agency, Republic of Korea

Open BPM as an eGovernment Global Cooperation Model

Thomas Byeongnam Yoon, NIA, Turkey

ICT-Oriented Global Cooperation on Economic Stimulus and Mutual Prosperity

Jung Yun Oh, National Information Society Agency, Republic of Korea

09:00 Session 6c: **Living Labs - Applications & Case Studies**

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

Appraising Living Labs Core Competencies and Intangible Assets generation and diffusion

Androkli Mavridis, ALTEC SA Information and Communication Systems, Greece

On The Way To Innovation: Quantitative Software Process Management using Optimized Metric Determination System (COMDS)

Mustafa Halil Yildiz, Cybersoft IT Ltd., Turkey

Living Lab "Information Management in Agri-Food Supply Chain Networks"

Marco Verloop, LEI - Wageningen UR, Netherlands

Save Energy: User Behaviour Transformation through ICT based Tools and Methodologies

Alvaro Oliveira, Alfamicro, Lda., Portugal

09:00 Session 6d: **Technology-Enhanced Learning - Issues**

Chair: **Stephan Raimer, College of Cooperative Education Schleswig-Holstein, Germany**

The New Path to Competence Development

Alvaro Oliveira, Alfamicro, Lda., Portugal

Social Software as a Tool for Social Inclusion of Marginalised Youngsters

Wouter Van den Bosch, KHM-Memori, University College Mechelen, Belgium

Model Based e-Learning Environment: The ADVISOR Method

Wilfrid Utz, BOC Asset Management GmbH, Austria

09:00 Session 6e: **Intelligent Content and Semantics**

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

Sense-making and Narrative: New Explorations into Narrative Based Methods

Peter Stanbridge, Korora Limited, United Kingdom

A Semantically Enriched Persistence Mechanism for Interactive Knowledge Stack

Ibrahim Cingil, METU - Software Research and Development Center, Turkey

Enriching Wikipedia Link Structure Using Links and Categories

Ömer Sunercan, METU, Turkey

TurkSum: A Generic Turkish Text Summarizer using Relevance Measure

Ayşe Nur Birtürk, METU, Turkey

09:00 Workshop 6f: **Social Care Informatics**

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

Eliciting User Requirements and Process Flow in Social Care Informatics in the Ageda project

Albert Alonso, Hospital Clinic - Universitat de Barcelona, Spain

Engagement in Health and Social Care: Understanding and Reframing Internet Access from a User Perspective

Debbie Keeling, University of Manchester, United Kingdom

Count the Cost or Tell the Story? The Issues and Challenges in Developing Information Standards across the Social Care Sector

Penelope Hill, Warwickshire County Council, United Kingdom

A Review of the National Development Programme for eSocial Care in Finland

Jarmo Kärki, National Institute for Health and Welfare, Finland

09:00 Session 6g: **Networked, Smart and Virtual Organisations - Supply Chain**

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

E-Procurement for Industrial Maintenance Services

Peter Weiss, FZI Forschungszentrum Informatik, Germany

RFID and Multimedia Security Technologies in the Supply Chain Management Against Counterfeiting

Cagatay Karabat, TUBITAK UEKAE, Turkey

Reengineering The Supply Chain in Internet age: ABB Turkey Inc.

Arzu Baloglu, Marmara University, Turkey

09:00 Workshop 6h: **Geographic IT in Public Service I**

Chair: **Johan P Bang, Future Position X, Sweden**

OpenCare

Thomas Castor, Open Care AB, Sweden

GIS-Arena

Bengt Flodell, Karlstad Kommun, Sweden

Connect & Protect

Peter Eriksson, Future Position X, Sweden

Open Geodata and the Future of LBS

Martin Snygg, Future Position X, Sweden

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

11:00 Session 7a: **Future Internet Services and Applications**

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

The Concept of Symbiotic Enterprising under the Web 3.0 Paradigm
Jens Eschenbaecher, BIBA, Germany

Event-Driven Service Chain Monitoring for the Internet of Services

Kresimir Vidackovic, Fraunhofer IAO, Germany

Integrated Service Engineering (ISE) for Service Ecosystems: A Multi-disciplinary Methodology and Software-Tool for the Internet of Services

Holger Kett, Fraunhofer IAO, Germany

The Internet of Energy – Modelling a Secure and Semantic Communication Architecture for Inter-organisational Business Processes within the German Energy Sector

Eric Nass, Forschungsinstitut für Rationalisierung FIR, Germany

11:00 Session 7b: **eGovernment - Application & Case Studies**

Chair: **Richard Stevens, European Genetics Foundation, Italy**

Free/Libre Open Source Adoption in the Public Sector: Current State and Lessons Learnt

Bruno Rossi, Free University of Bozen-Bolzano, Italy

iSAC: a Platform for Costs Reduction while Expanding the Information and Referral Services

Mercè Rovira Regàs, University of Girona, Spain

NavegaPará Project: an alternative solution for eGovernment and eHealth on Amazon Region

Jorge Antonio Moraes de Souza, UFPA, Brazil

An Innovative Platform for Territorial Control and Monitoring - The Experience of a Project at the Local Administration level

Raffaele De Amicis, Fondazione Graphitech, Italy

Simplifying Citizens-Administration Relationship: Cert2Web an e-Service to Issue Personal Certificate

Franco Carcillo, City of Turin, Italy

11:00 Workshop 7c: **Living Labs – Asia & Europe. A Tale of two Continents**

Chair: **Esteve Almirall, Esade, Spain & Susanna Avessta, DIMES, Finland**

Living Labs and Experimental Platforms

Susanna Avessta, DIMES, Finland

Living Labs in Finland – The Point of View of Industry

Kimmo Ojuva, DIMES, Finland

Living Labs in Taiwan – The Insight Center

Yuan-Ling Chiao, Insight Center, Taiwan, Province Of China

Living Labs in Korea – The u-City Program

Thomas Byeongnam Yoon, NIA, Republic of Korea

ESADE-Creapolis and Open Innovation

Elisabet Juan, ESADE-Creapolis, Spain

11:00 Session 7d: **Technology-Enhanced Learning - Issues**

Chair: **Ferda Alpaslan, METU, Turkey**

The Parallel Universes are Coalescing: e-Certification in Europe

Peter Weiss, FZI Forschungszentrum Informatik, Germany

Technology-Enhanced Learning and Multilingual Human-Computer Interaction

Alper Kanak, TUBITAK UEKAE, Turkey

Software Interoperability Testing for Non-Professional Testers

Alicja Ciemniowska, Poznań Supercomputing and Networking Center, Poland

11:00 Session 7e: **Intelligent Content - FET Open - Issues and Applications**

Chair: **Teresa De Martino, European Commission, Belgium**

Visual Analytics Challenges

Giuseppe Santucci, Sapienza Università di Roma, Italy

Harnessing the ICT-enabled Collective Social Behaviour - ICTeCollective

Jari Saramaki, Helsinki University of Technology, Finland

4D Space-Time Topology for Semantic Flow Segmentation - the SemSeg project

Holger Theisel, Otto-von-Guericke University of Magdeburg, Germany

11:00 Session 7f: **Mobility - Applications & Case Studies**

Chair: **Micheál Ó Foghlú, Waterford Institute of Technology, Ireland**

The Evolution of Eduroam in the Context of “Bologna”

Juergen Jaehnert, Universität Stuttgart, Germany

Proximity-Based Access Control with RFID for Mobile Computing

Michael Decker, University of Karlsruhe (TH), Germany

Comparing Two Different Architectures for Pervasive Systems from the Viewpoint of Personalisation

Howard Williams, Heriot-Watt University, United Kingdom

11:00 Workshop 7g: **How to make International Supply Chains More Efficient and Secure**

Chair: **Yao-Hua Tan, Vrije Universiteit Amsterdam, Netherlands**

IT Requirements for Trusted Trade Networks

Jianwei Liu, Vrije University Amsterdam, Netherlands

Harmonized European e-Customs and its implications for European trade

Stefan Henningsson, Copenhagen Business School, Denmark

A Governmental View of Future e-Customs Requirements

Fred van Ipenburg, Dutch Tax and Customs Association, Netherlands

11:00 Workshop 7h: **Geographic IT in Public Service II**

Chair: **Johan P Bang, Future Position X, Sweden**

Public Geodata from Municipalities Perspective. Usability Testing with GeoTest

Michael Björklund, Municipality of Filipstad, Sweden

Swedish GeoTest Initiative Supports Safer Use of Geodata for Authorities, Municipalities, Vendors and Citizens

Solgerd Tanzilli, Future Position X, Sweden

Testing-SDI: e-Government Prospective, Requirements, and Challenges

Imad Abugessaisa, Future Position X, Sweden

The SDI Situation in Europe

Lars Palm, National Land Survey of Sweden, Sweden

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

14:00 Workshop 8a: **Turning Open Innovation to a Winning Game for Services Development**

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

How can we achieve the Single European Innovation Space for Future Service Industry?

Bror Salmelin, European Commission, Belgium

Industrial View on the Changing Innovation Paradigm for User-centric Knowledge Intense Services

Serge Ferré, Nokia, Belgium

How to Choose the Best Mode of Open and Closed innovation - Initial thoughts

Jens Eschenbaecher, BIBA, Germany

Living Labs & Open Innovation in Services - Cases from Barcelona

Esteve Almirall, Esade, Spain

The Legal/Regulatory/Technological Environment and its Significance for the Efficient Distribution of and Ubiquitous Access to Digital Content - Current Challenges and Opportunities

Lars-Erik Eriksson, DACC Systems AB, Sweden

14:00 Workshop 8b: **Interoperability Infrastructures and Standards for Administrations and Enterprises**

Chair: **Yannis Charalabidis, National Technical University Athens, Greece**

eGovernment Interoperability Standards and Infrastructures: Initiatives, Issues and Challenges

Yannis Charalabidis, National Technical University Athens, Greece

Interoperability of UN/CEFACT CCTS based Electronic Business Documents

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

Designing and Linking Models for Semantic Interoperability

Aldo Gangemi, CNR, Italy

Enabling the Next Generation Interoperable and Easy to Integrate Software Products of the European SMEs with a Semantic Service-oriented Private Adaptation Layer

Stelios Pantelopoulos, SingularLogic S.A, Greece

14:00 Workshop 8c: **Living Labs - Issues**

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

Living Labs - Dilemmas of an Active Researcher

Carina Ihlström Eriksson, Halmstad University, Sweden

The Entrepreneurial Role of Living Labs in Closing the Gap between Research and Innovation

Esteve Almirall, ESADE, Spain

ICTs for Sustainable Consumption

Klaus Tochtermann, Graz University of Technology, Austria

Challenges with User involvement in a Living Lab context

Jesper Svensson, Halmstad University, Sweden

14:00 Session 8d: **Technology-Enhanced Learning - Applications**

Chair: **Ferda Alpaslan, METU, Turkey**

Automatic Learning Contents in Mobile Scenarios

Carles Fernández, UOC, Spain

UlakAgent: A Mobile Researcher Agent for Resource Sharing among Learning Management Systems

Nezaket Tezcan, Atilim University, Turkey

Knowledge Bus – The PROMOTE Approach For Knowledge Service Orchestration

Vedran Hrgovic, BOC Asset Management GmbH, Austria

14:00 Workshop 8e: **Intelligent Content and Semantics**

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

Plug your Business into IT: Business and IT-Alignment using a Model-Based IT-Socket

Robert Woitsch, BOC Asset Management GmbH, Austria

Engineering Industrial Categorisation based on Social Network Analysis of Search Engine Index

Xiao MA, University of Warwick, United Kingdom

Natural Intelligence – A Question Answering System

Fatih Mehmet Güler, Middle East Technical University, Turkey

The Domain Name System In Turkey

Didem Özgür, Istanbul Technical University, Turkey

14:00 Session 8f: **Mobility - Applications & Case Studies**

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

Crossing: A Framework to Develop Single and Cross Domain Recommenders

Mustafa Azak, Middle East Technical University, Turkey

Role of Nomadic Devices Coupled to In-cockpit Wireless Networks to the eCall Systems: Quo Vadis

Emre Kucukayvaz, Mobilera, Turkey

Advanced Environmentally Sustainable Consumer IPTV Device Grid for Local Operator Networks

Tommo Reti, Royal Institute of Technology, Sweden

14:00 Workshop 8g: **ELEVATE: A Universal Technology-Enhanced Learning Platform for Software Industry**

Chair: **Spiros Alexakis, CAS Software AG, Germany**

The ELEVATE Paradigm: In Learning Nothing Beats Reality

Stelios Pantelopoulos, SingularLogic S.A, Greece

Competence Graph: A Network Model in Pedagogy

Iraklis Paraskakis, SEERC - South East European Research Centre, Greece

SLIPEL: Specification for Scenario Development

Kutluk Ozguven, Okan University, Turkey

Training Content for Applications: Experience of Software SMEs

Aysenur Kazokoglu, CAS Software AG, Germany

ILL: Guided Online Training through Actual Applications

Stelios Pantelopoulos, SingularLogic S.A, Greece

14:00 Session 8h: **Security & Identity Management**

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

Tackling the Challenge of Lifelong Privacy

Sebastian Clauß, TU Dresden, Germany

The Impact of Security and Identity Management Issues in Grid: The Business Perspective

Eleni Agiatzidou, Athens University of Economics and Business, Greece

Introducing Federated Identities to One-Stop-Shop e-Government Environments: The Greek Case

Prokopios Drogkaris, Aegean University, Greece

Orange as Digital Identity Provider and Consumer

Vincent Etchebarné, Orange Labs, France

Towards a Real-Time Risk Assessment for Compliance Enforcement

Aljosa Pasic, Atos Origin, Spain

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

16:00 Workshop 9a: **Global e-Business Interoperability Test Bed**

Chair: **Christine Legner, European Business School, Germany**

Why Testing Matters – The Need for eBusiness Testing

Christine Legner, European Business School, Germany

Testing the Interoperability of UBL/NES based Applications

Asuman Dogac & Tuncay Namli, Software Research, Development and Consultancy Ltd., Turkey

Towards a Global Test Bed for International Supply Chain Integration

Hyunbo CHO, Pohang University of Science and Technology, Republic of Korea

Panel Discussion:

Testing Requirements and Testing Capabilities Vision and Roadmap of a Global eBusiness Interoperability Testbed

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

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

Structured eDemocracy beyond eDiscussion

Aron Larsson, Mid Sweden University, Sweden

Beyond Web 2.0 - What Serious Games, Semantics and Social Networks can Contribution to eParticipation

Matthias Holzner, MFG Baden-Württemberg mbH, Germany

A Semantics-based Approach to Support eParticipation of Citizens

Antonio De Nicola, IASI-CNR, Italy

Cross-country comparison of Regional Social Networking Services: Community Participation and Regional Revitalization

Michiko Yoshida, Kyoto University, Japan

16:00 Session 9c: **Living Labs - Case Studies**

Chair: **Oğuz YAPAR, TÜBITAK, Turkey**

Enriching the Research & Development Process Using Living Lab Methods: The TRAIL Experience

Suzanne Martin, University of Ulster, United Kingdom

Living Piemonte: A Sustainable and Transferable Model to overcome Digital Divide

Chiara Gallino, CSP - Innovation in ICT, Italy

Regional Partnerships for Living Labs: the Case of Sicily and the MedLab Project

Giovanni Salemi, Planning Dept., Sicilian Region, Italy

Experiential Practises via Digital Services

Selcen Aykac, Ozyegin University, Turkey

Establishing a Living Lab in Turkey

Leyla Arsan, TAGES, Turkey

16:00 Session 9d: **Technology-Enhanced Learning - Higher Education Case Studies**

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

Multi-Faceted Approach to Assessing the Quality of Courses Delivered Through Learning Management System: An Empirical Investigation of a Computer Literacy Course

Refika Koseler, Middle East Technical University, Turkey

Dental Students' Behavioral Intentions to Use Learning Management Systems: An Empirical Investigation

Emre Sezgin, Middle East Technical University, Turkey

The Adoption of Enabling Technology to Enhance Research Commercialization and Technology Transfer Outcomes at NUI Galway

Maebh Coleman, NUI Galway, Ireland

E-Learning Criteria Analysis of Current Postgraduate e-Business Programs

Eleonora Ioulia Malama, Department of Applied Informatics, University of Macedonia, Greece

16:00 Session 9e: **Intelligent Content and Semantics in Media**

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

An Automated System for Analyzing Music Usage and Metadata from Digital Music Services

Roger Wallis, Royal Institute of Technology, Sweden

A Hybrid Movie Recommendation System

Fatih Aksel, Middle East Technical University, Turkey

Evolving Business Models in the Computer Game Industry: A Case Study

Jonas Hedman, Copenhagen Business School, Denmark

Image, Video and Speech Analysis of the Radio/TV Broadcasts in Turkey

Egemen Özalp, TÜBİTAK, Turkey

Feature Recognition of Audiovisual Data of Radio/TV Broadcasts in Turkey

Ersin Esen, TÜBİTAK Space, Turkey

Friday,
October 23,
2009

3
DAY

16:00 Session 9f:

eInfrastructures

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

Technology Trends Underlying the Future Development of the Internet - Formation, Characterisation, Impacts and Lock-in

Jonathan Cave, RAND Europe, United Kingdom

Caucasian Optical Internet – e-Initiatives Enabler in Southern Caucasus

Beyhan Çalışkan, TÜBİTAK-ULAKBİM, Turkey

Design of National IPv6 Infrastructure and Transition to IPv6 Protocol Project in Turkey

Onur Bektaş, TÜBİTAK ULAKBİM, Turkey

Challenging Remoteness through Accessibility: Lessons learnt from Rural Wings

Somya Joshi, Institute of Communication and Computer Systems (ICCS), Greece

16:00 Session 9g: **Networked, Smart & Virtual Organisations - SME Case Studies**

Chair: **Peter Weiss**, FZI Forschungszentrum Informatik, Germany

Framework for Sequential Analysis of New High-Tech Businesses

Matti Muhos, University of Oulu, Finland

Challenges of Virtuality from the viewpoint of SMEs

Päivi Iskanius, University of Oulu, Finland

An Empirical Research on eBusiness Adoption in Mexican Exporting SMEs: Initial Findings

Celestino Robles-Estrada, Universidad de Guadalajara, Mexico

Integration & Sustainability in European Projects: Strategies, Business Models, and Management Model

Rony Medaglia, Copenhagen Business School, Denmark

16:00 Workshop 9h: **EU – Western Balkan Countries Brokerage & Networking Session**

Chair: **Ira Vater**, EBA European Business Associates Srl., Italy

Welcome and Scope of the Brokerage Event

Desiree Pecarz, ZSI – Centre for Social Innovation, Austria

Presentation of the Agenda

Ira Vater, EBA European Business Associates Srl., Italy

EU ICT Research Policy with Specific Emphasis on Challenge 1

Joao Da Silva, European Commission, Belgium

National Policies Supporting the ICT Research and the Development of an Information Society

Mauro Bianchi, TESEO Sprl, Belgium

Participation of Western Balkan Countries in EU ICT Research

Natasa Radovic, Ministry of Telecommunications and Information Society of Serbia, Serbia

Support to the FP7 Participation in the Western Balkan Countries: WINS-ICT

Hüseyin METİN, TÜBİTAK, Turkey

Support to the FP7 Participation in the WB Countries: ICT-WEB-PROMS

Iraklis Paraskakis, SEERC – South East European Research Centre, Greece

Presentations by Interested Stakeholders

Ira Vater, EBA European Business Associates Srl., Italy

17:30

End of Conference Day

20:00

Gala Dinner

9:00 Workshop 10a: **iSURF: An Interoperability Service Utility for Collaborative Supply Chain Planning across Multiple Domains Supported by RFID Devices**

Chair: **Gökçe Banu Laleci Erturkmen**, Software Research, Development and Consultation Ltd., Turkey

iSURF eDoCreator: e-Business Document Design and Customization Environment

Fulya Tuncer, Middle East Technical University, Turkey

iSURF Semantic Interoperability Service Utility for Collaborative Planning, Forecasting and Replenishment

Cağdas Ocalan, SRDC LTD., Turkey

A Service Oriented Collaborative Supply Chain Planning Environment

Gökçe Banu Laleci Erturkmen, Software Research, Development and Consultation Ltd., Turkey

09:00 Workshop 10b: **Electronic Document Interoperability in eGovernment and eBusiness**

Chair: **Asuman Dogac**, Software Research and Development and Consultancy Ltd., Turkey

From eTenders to eInvoices in PEPPOL

Tim McGrath, Document Engineering

Design and Implementation of the eInvoice Interoperability Profile of the Revenue Administration of Turkey

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

Players and Situation in German eGovernment

Karsten Tolle, University of Frankfurt, Germany

Overview of Semantic Mapping Methodologies

Johann Höchtl, Danube University Krems, Austria, Austria

Use Profile Management for B2B Standard Adoption: The Case of eBIZ-TCF

Nicola Gessa, ENEA - Italian National Agency for New Technologies, Energy and the Environment, Italy

09:00 Workshop 11c: **Innovative Technology-Enhanced Learning for new Health Paradigms**

Chair: **Albert Alonso**, Hospital Clinic - Universitat de Barcelona, Spain

The LabTM Telemedicine Laboratory: Not a Grail Yet?

Francesc Saigí, Universitat Oberta de Catalunya (UOC), Spain

The Clinical Significance of Patients' and Professionals' Education in Chronic Care Management

Theodore Vontetsianos, Sotiria Hospital, Athens, Greece

09:00 Session 10d: **Technology-Enhanced Learning - Case Studies**

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

Return on ICT Training: Facts and Myths

Fulvia Sala, AICA, Italy

Fighting the "Crisis of Significance" - Case study on Implementing ePortfolios

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

Virtual Graduations: A Missed Opportunity for e-Learning?

Debbie Keeling, University of Manchester, United Kingdom

Digital Paths to New Markets – The Regional Foresight project FAZIT

Felix Jansen, MFG Stiftung Baden-Württemberg, Germany

09:00 Session 10e: **Intelligent Content and Semantics in Networks**

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

Semantic Mediation to Enable Network and Service Management Interoperability in Future Internet Networks

John Strassner, Waterford Institute of Technology, United States

Rule-based Reasoning Mechanism for Context-aware Service Presentation

Klaus Moessner, University of Surrey, United Kingdom

Surveillance of Critical Information in Lossy Environments

Cagatay Karabat, TUBITAK UEKAE, Turkey

09:00 Session 10f: **Transportation - Applications and Case Studies**

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

i-Tour - "Intelligent Transport system for Optimized Urban trips"

Giuseppe Conti, Fondazione Graphitech, Italy

Knowledge-enabled Access of Central Europe SMEs to Efficient Transnational Transport Solutions

Flavio Bonfatti, University of Modena and Reggio Emilia, Italy

Business Case Driven Assessment of Effects gained by Intelligent Cargo Objects

Ingo Westphal, BIBA, Germany

09:00 Workshop 10g **Assisting and Helping SMEs to Voice their Research & Innovation Needs**

Chair: **Tanja Vos, Universidad Politecnica de Valencia, Spain**

Co-chair: **Katrin Reschwamm, Fraunhofer Institute for Factory Operation and Automation (IFF), Germany**

A Happy Threesome: Innovation, Creativity and Business Support

Manon van Leeuwen, Office for European Projects, Regional Government of Extremadura, Spain

The Ideal-IST Engine to Boost the SME Research and Innovation Needs

Patrick Furrer, Euresearch, Switzerland

SME and the Necessity of Cooperation

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

New Research and Business Opportunities for SMEs through the Adoption of NEXOF, the Generic Open Platform for Creating and Delivering Applications

Tonny Velin, ANSWARE, Spain

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

11:00 Workshop 11a: **Socio-economic Sciences and Humanities**

Chair: **Emine Nur GÜNAY, Boğaziçi Üniversitesi, Turkey**

Introduction

Emine Nur GÜNAY, Boğaziçi Üniversitesi, Turkey

Overview of New FP7-Socio-economic Sciences and Humanities Call for Proposals 2010

Manuela Alfé, European Commission, Belgium

Socio-economic Sciences and Humanities Potential in Other Thematic Areas

Seda GÖKSU, TÜBİTAK, Turkey

Case Study

Ahmet İÇDUYGU, Koç Üniversitesi, Turkey

Summary & Conclusions

Emine Nur GÜNAY, Boğaziçi Üniversitesi, Turkey

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

Chair: **Basat Tayfun, MilSOFT Bilisim İletisim Teknolojileri A.S., Turkey**

Going Backstage: Public Web Awards Assessment Ceremonies

Lasse Berntzen, Vestfold University College, Norway

Advanced ICT for the Portuguese Wine Industry Cluster

Henriqueta Nóvoa, FEUP- Engineering Faculty of Porto, Portugal

Who are Excluded and Why? A Study of the Non-users of the Internet

Olle Findahl, World Internet Institute, Sweden

13:45 Lunch Time: **Exhibition & Networking**

12:30 End of Parallel Sessions

1245 Closing Plenary Session 12a:

Chair: **F. Mehmet Gökgöz, Turkish Research and Business Organizations (TuR&Bo ppp), Belgium**

Closing Remarks

F. Mehmet Gökgöz, Turkish Research and Business Organizations (TuR&Bo ppp), Belgium

eGov Ministerial Conference Sweden & Pre-Conference

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

Welcome - eChallenges e2010 Warsaw

Rafal Wilczkowski, Ministry of Sport and Tourism, Poland

Best Paper Award

Best Demonstration Stand Award

Closing Ceremony

13:45 Lunch Time: **Exhibition & Networking**

14:00 Socio-Economic Sciences and Humanities Info Workshop

This Programme is accurate as at 14 October 2009.

The Conference Programme is subject to change at the discretion of the International Programme Committee Chair. You should always refer to the Conference Portal for the most up to date information.

Registration Information

It is necessary for all **eChallenges e-2009** delegates to register separately online. Please use your existing log-in details for Online Registration.

Conference Fees

Authors Fees (Due by 10 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-2009** must complete payment registration online by **10 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 **11 September**.

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-2009** 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-2009** 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 and 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 20 October from 15:00 to 19:00 and will remain open during normal Conference hours from 08:00 on Wednesday 21 October.



Exhibition

eChallenges e-2009 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.

Turkish ICT Pavilion Demonstration Stands

Stand Name	Organisation	Country
TUR&BO	TUR&BO	Turkey
TÜBİTAK-UKO	TÜBİTAK	Turkey
KOSGEB	KOSGEB	Turkey
TUBITAK UEKAE's Multilingual Speech-to-Speech Translation and Speaker Recognition Tools	TÜBİTAK-UEKAE	Turkey
TÜBİTAK UZAY	TÜBİTAK UZAY	Turkey
TR -Grid National Grid Initiative	TÜBİTAK ULAKBİM	Turkey
Ministry of Culture & Tourism	Ministry of Culture & Tourism	Turkey
Ministry of Justice	Ministry of Justice	Turkey
Mobile3DTV	METU	Turkey
MİLSOFT	MİLSOFT Yazılım Teknolojiler A.S.	Turkey
Mikro	Mikro Bilgi Kayıt ve Dağıtım A.S	Turkey
Oytak Near Field Communication (NFC) Project	Oytak	Turkey
Ideal-ist	TÜBİTAK	Turkey
Building EU - Western Balkan Region connections in the ICT Research Field	TÜBİTAK	Turkey
Testing the Conformance and Interoperability eBusiness and eGovernment Applications	Software Research and Development and Consultancy Ltd	Turkey
Wireless Visual and Sensor Networks for Elderly Care	Bogazici University	Turkey

International Exhibitors Demonstration Stands

Stand Name	Organisation	Country
European Commission	European Commission	Belgium
IST-Africa	IST-Africa Consortium	Africa
eChallenges e2010	eChallenges	Poland
Business and IT Alignment: The IT-Socket Approach	BOC Asset Management GmbH	Austria
European Grid Infrastructures	EGEE	United Kingdom
NESSI and NESSI Strategic Projects	TIE Global	Netherlands
ITAIDE, Innovative IT solutions to accelerate international trade	Copenhagen Business School	Denmark
Korea eGovernment	Ministry of Public Administration and Security	Republic of Korea

Conference Portal & Delegate Showcase
www.eChallenges.org

e-2008 Supporting Organisations

