

eChallenges e-2013 Advance Programme

Dublin - *Ireland*

09 - 11 October 2013

Supported by



Introduction

The **eChallenges e-2013** Conference takes place 09 - 11 October in Malahide, County Dublin, Ireland. This is the twenty-third in a series of annual technology research conferences supported by the European Commission. **eChallenges** brings together senior representatives from leading public, private, education and research organisations around the world to share knowledge, experience, lessons learnt and good practice.

Thematic areas addressed during the Conference include Cloud Computing; Smart Cities & Smart Grid; eGovernment; eHealth; eInclusion; Living Labs; Intelligent Content; Networked, Smart & Virtual Organisations; Digital Preservation & Digital Libraries; International Cooperation and Technology Enhanced Learning.

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 will focus on Horizon 2020. Thematically focused parallel sessions provide coherence to a programme featuring an invigorating mix of business and government case studies, technical and policy papers and participatory workshops.

The Community Building goals of **eChallenges e-2013** are to facilitate international research cooperation and successful exploitation of research results and showcase host country achievements, 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 Horizon 2020, to support International Cooperation and open up the European Research Area to the rest of the world.

Who will you meet at e-2013?

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, policy makers, senior & middle managers, professors & graduate students, project managers, software engineers and researchers.

eChallenges e-2013 provides a prestigious international forum to increase awareness of exploitable ICT research results and applications, whether funded privately or publicly.

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 Horizon 2020 which starts in 2014.

The Venue

eChallenges e-2013 Conference takes place at the Grand Hotel, Malahide, County Dublin, Ireland.

The Programme

The 3-day Conference Programme combines strategic keynote presentations related to Horizon 2020, technical papers, business and government case studies and interactive workshop sessions.

The Opening Plenary on Wednesday morning is dedicated to sharing insights into Horizon 2020. The

Closing Plenary on Friday includes a panel discussion on Experiences in FP7 and Strategies for Horizon 2020. Take this opportunity to learn about Horizon 2020 and meet new partners for collaboration.

As well as opening and closing Plenary Sessions, delegates may participate in over 26 thematically focused parallel sessions featuring different aspects of Cloud Computing; eGovernment; eHealth; Smart Grid & Smart Cities; Living Labs; Intelligent Content and Semantics; Networked, Smart and Virtual Organisations; International Cooperation and Technology Enhanced Learning. Session Chairs will ensure active discussion and facilitate delegate participation and networking with other participants.

The Conference Programme is subject to change, and the **eChallenges e-2013** Organising Committee reserves the right to alter the contents, venue and/or speakers. Please check the Conference Portal regularly for the most up to date Online Programme.

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.

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 and presenters to publish personalised profiles to facilitate networking before, during and after the Conference.

Security, Health and Safety

Please wear your name badge for all **eChallenges e-2013** activities, as it is your identification and allows you access to all Conference facilities. Unfortunately, conferences can provide a tempting target for thieves, so please take particular care of laptops, tablets, smart phones and other 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 Malahide and the City of Dublin. If you 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**), which is in the heart of Malahide Village, County Dublin.

Please note that Malahide is 30 minutes travel time by DART light rail from Dublin. It is also possible to travel by bus but this takes more time. By staying in the Conference Hotel, you will maximise networking opportunities with other conference participants.

eChallenges e-2013 delegates are strongly recommended to book their accommodation online early, as Dublin is busy the week the Conference takes place. While the Conference Organisers will try to accommodate delegates, rooms in the Grand Hotel will be allocated on a first-come, first-served basis.

The most up to date information in relation to hotel room availability is available on the **eChallenges** Portal (www.eChallenges.org).

Malahide

Malahide is a pretty heritage village founded in the 12th century and located by the sea, 16 kms north of Dublin City. It is located close to the M50 and Dublin airport with good rail and bus links.

Local places to visit include Malahide Castle and Gardens, Avoca Shop and Café, Malahide Marina. There are also a good mix of restaurants and pubs close to the Grand Hotel.

Transport

It is possible to get either a taxi (c €15 and 20 mins) or Bus 102 (cheaper but with a longer transit time) from Dublin Airport to Malahide.

From Dublin City Centre, it is convenient to use the DART light rail system to get to Malahide Village.

Horizon 2020

Horizon 2020 will commence in January 2014 as the new Framework Programme to implement the Innovation Union with research and innovation funds of €80 billion from 2014 - 2020.

Horizon 2020 will address all research and innovation funding that was previously provided through the Framework Programmes for Research and Technical Development (e.g. FP7), Competitiveness and Innovation Programme (CIP) and European Institute of Innovation and Technology.

Key pillars include:

Excellent Science

Competitive Industries

Societal Challenges

It is envisaged that ICT Research and Innovation will be incorporated across all three pillars.

For more information, please visit http://ec.europa.eu/research/horizon2020/index_en.cfm

Plenary Speakers and Panelists



Minister Sean Sherlock
Minister of State for
Research and Innovation
Ireland



Dr Imelda Lambkin
National NCP Director,
Enterprise Ireland



Stephen O'Reilly
National Delegate and
Contact Point for FP7,
Enterprise Ireland



Dr Simon Grattan
Department of
Enterprise, Trade &
Investment
Northern Ireland



Mark Daly
ESB eCars
Ireland



Dr Dirk Pesch
Nimbus Centre for
Embedded Systems
Research, Cork Institute
of Technology

Plenary Speakers and Panelists confirmed as at 02 September 2013 include:

- **Minister Sean Sherlock**, Minister of State for Research and Innovation
- **Dr Imelda Lambkin**, National NCP Director, Enterprise Ireland
- **Stephen O'Reilly**, National Delegate & Contact Point for FP7-ICT, Enterprise Ireland
- **Dr Simon Grattan**, NI Horizon 2020 Manager, Department of Enterprise, Trade & Investment, Northern Ireland
- **Mark Daly**, Demonstration Projects Manager, ESB eCars
- **Dr Dirk Pesch**, Head of Centre, Nimbus Centre for Embedded Systems Research, Cork Institute of Technology

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-2013 Programme Committee** includes

- **Paul Cunningham**, IIMC, Ireland (Chair)
- **Dr. Andreas Abecker**, disy GmbH, Germany
- **Miriam Cunningham**, IIMC, Ireland
- **Kim Davis**, Research Council of Norway
- **Prof. Asuman Dogac**, Middle East Technical University, Turkey
- **Prof. Jens Eschenbaecher**, Priv. Fachhochschule für Wirtschaft & Technik (FHWT), Germany
- **Dr. Horacio González-Vélez**, NCI Cloud Competency Centre, National College of Ireland
- **Prof. Bernhard Katzy**, CeTIM, Netherlands
- **Bastian Koller**, HLRS, Germany
- **Gareth MacNaughton**, CISCO, UK
- **Ken McHugh**, Cognitive Edge, Singapore
- **Jesse B.T. Marsh**, Atelier Studio Associato, Italy
- **Dr. Stephan Raimer**, Flensburg University, Germany
- **Hans Schaffers**, Aalto University School of Economics & ESoCE Net, Netherlands
- **Peter Stanbridge**, Korora Limited, UK
- **Richard Stevens**, Stevens Consultants, Italy
- **Ray Walshe**, Cloud Computing Research Centre, Dublin City University, Ireland
- **Prof. Peter Weiss**, ISS International Business School of Service Management, Germany
- **Prof. Stefan Wesner**, University Ulm, Germany
- **Dr. Robert Woitsch** BOC Asset Management GmbH, Germany
- **Prof. Jim Yip**, University of Salford, UK

Organising Committee

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



Conference Secretariat

IIMC Ltd
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Dublin 3, Ireland
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Conference Portal/Delegate Showcase

www.eChallenges.org



Wednesday,
October 09,
2013

09:00 Opening Plenary 1a

Welcome Address

Minister Sean Sherlock, Minister of State for Research and Innovation, Ireland

Addressing eChallenges in Horizon 2020: An Irish Perspective

Imelda Lambkin, National NCP Director, Enterprise Ireland

Overview of ICT in Horizon 2020

Presenter to be confirmed

10:30 Coffee Break & Networking

11:00 Plenary Session 2a: [Horizon 2020](#)

Gearing up for Horizon 2020

Stephen O'Reilly, National Delegate & Contact Point for FP7-ICT, Ireland

Participating in Horizon 2020

Presenter to be confirmed

Northern Ireland and Horizon 2020 – A Regional Perspective

Simon Grattan, NI Horizon 2020 Manager, Dept. of Enterprise, Trade & Investment, Northern Ireland

12:30 Lunch & Networking

14:00 Workshop 3a: [Challenges in Modelling: Domain Value Adding and ICT Execution Support](#)

Chair: [Robert Woitsch, BOC Asset Management GmbH, Austria](#)

Semantics-based enhancement of Value Production Concept Models: A pragmatic approach

Robert Woitsch, BOC Asset Management GmbH, Austria

Extending Business Motivation Modeling to Foster Regional Flexibility in IT Architecture Management

Knut Hinkelmann, University of Applied Sciences Northwestern Switzerland FHNW, Switzerland

CIDOC Conceptual Reference Model: Efficient scholarly Constructs for the Digital Wunderkammer

Dominic Oldman, British Museum, United Kingdom

CALT-PIP: A proposed Collaborative Policy Informatics Platform

Athanasios Karantjias, University of Piraeus, Greece

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

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

Government 2.0 Challenges in Swedish Public Sector

Carl-Mikael Lönn, Stockholm University, Sweden

Transforming the South African Public Service through the implementation of sustainable Corporate Governance of ICT

Tersia van der Walt, Government, South Africa

How eActivity solve Digital Continuity

Miroslav SURL, CNZ, Czech Republic

14:00 Workshop 3c: [IST-Africa - Showcasing African Research Capacity](#)

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

ICT Research Capacity in South Africa

Peacemaker Dlamini, Department of Science and Technology, South Africa

ICT Research Capacity in Mauritius

Dan Faugoo, National Computer Board, Mauritius

ICT Research Capacity in Malawi

Gift Kadzamia, National Commission for Science & Technology, Malawi

ICT Research Capacity in Botswana

Phodiso Potesh Phole, Ministry of Transport and Communications, Botswana

ICT Research Capacity in Lesotho

Lefa Thamae, Ministry of Communications, Science and Technology, Lesotho

ICT Research Capacity in Swaziland

Moses Zungu, Ministry of Information and Communications Technology, Swaziland

ICT Research Capacity in Mozambique

Zauria Saifodine, INTIC, Mozambique

ICT Research Capacity in Cameroon

Peter Mokube, National Agency for Information and Communication Technologies, Cameroon

15:30 Coffee Break & Networking

16:00 Session 4a: [Cloud Computing](#)

Chair: [Horacio Gonzalez-Velez, National College of Ireland](#)

Building the Chain of Confidence in Cloud Computing

Aljosa Pasic, Atos, Spain

The Mobile Cloud - more than a cloud

Dan Grigoras, UCC, Ireland

Democratising Life Science with Cloud Computing

Paul Walsh, NSilico, Ireland

Definition and Implementation of an Architecture targeting the resolution of Platform-as-a-Service diversities

Panagiotis Gouvas, SingularLogic, Greece

A Research Roadmap for Bringing Continuous Quality Assurance and Optimization to Cloud Service Brokers

Konstantinos Bratanis, South-East European Research Centre, The University of Sheffield, Greece

16:00 Session 4b: [eGovernment II](#)

Chair: [Robert Woitsch, BOC Asset Management GmbH, Austria](#)

Co-creating value in promoting e-Justice services across Europe: the e-CODEX project, a case study

Carsten Schmidt, Justizministerium des Landes Nordrhein-Westfalen, Germany

Managing Citizen Creativity in Open Environments for Boosting Better Urban Conditions

Alvaro Fernández Del Carpio, Universidad Católica de Santa María, Peru

A European Citizens' Senate Online for Engaging in the Horizontal Civil Dialogue under Article 11(1) Union Treaty. The Eleven-One Project

Johannes W. Pichler, Universität Graz, Austria

PERIKLIS: eGovernment Platform for Interaction between Citizens and Public Bodies

Magdalini Kardara, ICCS/NTUA, Greece

Tackling the Broadband Gap in South East Rural Areas through PPP Model

Jan Kubalík, Agency for innovation and European cooperation, Slovakia

16:00 Workshop 4c: [IST-Africa - Showcasing African Research Capacity](#)

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

ICT Research Capacity in Egypt

Therese Samy, Ministry of Communications & IT, Egypt

ICT Research Capacity in Tunisia

Noureddine Hamdi, Ministère de l'Enseignement Supérieur et de la Recherche Scientifique, Tunisia

ICT Research Capacity in Senegal

Toumane Doumbouya, Ministère de l'Enseignement Supérieur et de la Recherche, Senegal

ICT Research Capacity in Angola

Antonio Alcochete, Ministry of Science and Technology, Angola

ICT Research Capacity in Ethiopia

Yoseph Admassu, Ministry of Communications and Information Technology, Ethiopia

ICT Research Capacity in Kenya

Jacob Njagih, Ministry of Education, Science and Technology, Kenya

ICT Research Capacity in Burundi

Tatien Masharabu, Ministry of Higher Education and Scientific Research, Burundi

ICT Research Capacity in Uganda

Maxwell Otim, Uganda National Council for Science and Technology

ICT Research Capacity in Tanzania

Faith Shimba, Tanzania Commission for Science and Technology



Thursday,
October 10,
2013

DAY

09:00 Workshop 5a: **Challenging the Limits of Clouds**

Chair: **Maria Tsakali**, European Commission, Belgium (tbc)

Cloud Federation Monitoring for an Improved Eco-Efficiency
Axel Tenschert, High Performance Computing Center Stuttgart, Germany

Enhancing HPC Service Offerings with Cloud Capabilities
Bastian Koller, HLRS, Germany

A Mobile Application to Monitor and Control Cloud based Environments
Michael Gienger, HLRS, Germany

09:00 Workshop 5b: **RAPTOR - Supporting SME Clusters & Ecosystems**

Chair: **Gareth MacNaughton**, Cisco UK&I, United Kingdom

The RAPTOR Small Grants Programme
Gareth MacNaughton, Cisco UK&I, United Kingdom

A Cookie For The Real World
Thomas Sheppard, Presence Orb, United Kingdom

Connecting Your Home to the World Around It
Joe Berg, Oprillo, United Kingdom

The New World of Intelligence in Lighting
Neil Macdonald, amBX, United Kingdom

Creating Local Ecosystems
Peter Shearman, Cisco UK&I, United Kingdom

09:00 Workshop 5c: **A Multi-Disciplinary Approach to Implementing mHealth in Low-Income Contexts: the case for Sierra Leone**

Chair: **tbc**

The implications of mHealth for human resources for health in Bonthe District, Sierra Leone.
Frédérique Vallières, Centre for Global Health, Trinity College Dublin, Ireland

Technical Implications of Implementing mHealth Applications in Sierra Leone
Frédérique Vallières, Centre for Global Health, Trinity College Dublin, Ireland

A Socio-Technical Approach to the Implementation of mHealth in Sierra Leone: A Theoretical Perspective
PJ Wall, Trinity College Dublin, Ireland

09:00 Session 5d: **Technology-enhanced Learning**

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

REENACT: Future Media Internet Technologies for Immersive Learning about Historical Battles and Wars
Alberto Gil-Solla, AtlantTIC Research Center for ICT, University of Vigo, Spain

Arousing Learning - a PsychoPhysiological Classifier for Real-Time Emotion Recognition in TEL Environments
Benjamin Cowley, University of Helsinki, Finland

Representing the Curriculum as Linked Data
Fredrik Paulsson, Umeå University, Sweden

GEANT and CAREN: delivering a brighter future for Turkmenistan
Hanno Schaumburg, Hamburg University of Technology, Germany

10:30 Coffee Break & Networking

11:00 Workshop 6a: **Challenging the Limits of Clouds**

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

Experience Using Public Cloud Infrastructure to Analyse Clinical Patient Data
Wolfgang Ziegler, Fraunhofer Institute SCAI, Germany

Provisioning of a flexible storage as a service solution using CDMI
Michael Gienger, HLRS, Germany

About Real-Time Multimedia in Virtualized Cloud Infrastructures
Tommaso Cucinotta, Alcatel-Lucent Bell Laboratories, Ireland

ParaPhrase: Pushing the Computational Boundaries with Innovative Structured Parallel Programming
Horacio Gonzalez-Velez, National College of Ireland

11:00 Workshop 6b: **Enhancing the Innovative Capacity of SMEs**

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

A Case Study of a Transnational Effort to Create New Resources for Business Trainers and Mentors working to make SMEs more Innovative across the European Union

Conor Patterson, Newry and Mourne Enterprise Agency, United Kingdom

Enhancing the Innovative Capacity of SMEs / Effective Use of Open Source Tools for Advancing Collaboration and Innovation
José Pietri, MindShare Consulting, France

B-Innovative - Entrepreneurship for Better Business in Europe
Katrin Reschwamm, EUrelations AG, Switzerland

11:00 Workshop 6c: **eHealth - Bridging The Gap Between New Technology and Clinical Practice**

Chair: **Seamus MacSuibhne**, HSe/UCC/UCD, Ireland

eHealth and the Clinical Coalface
Seamus MacSuibhne, HSe/UCc/UCd, Ireland

The Promise of eHealth in Clinical Medicine
Mark Corrigan, Cork University Hospital, Ireland

The Industry Perspective on the Gap
Derek Young, i360medical, Ireland

11:00 Session 6d: **Technology-enhanced Learning II**

Chair: **Peter Weiss**, ISS International Business School of Service Management, Germany

Embedding Knowledge Processes to Maintain Service Levels and Efficiency in a Growing ICT Services Firm
Mark Oostdam, Adyen B.V, Netherlands

A Better Collaborative and Participative E-Learning in the Health and Safety Domain

Stefan Gabriel Kovacs, INCDPM "Alexandru Darabont", Romania

Stereoscopic Videoconferencing with Augmented Reality in Technology enhanced Sports Training
Sergiusz Zieliński, Poznań Supercomputing and Networking Center, Poland

A New Chaos Theory - Social Media in Project Communications
Mika Sihvonen, University of Tampere, Finland

12:30 Lunch & Networking

14:00 Workshop 7a: **User Engagement in Data Infrastructures**

Chair: **Hilary Hanahoe**, Trust-IT Srl, Italy

Title to be confirmed
Hilary Hanahoe, Trust-IT Srl, Italy

Title to be confirmed
Alberto Michelini, INGV, Italy

Title to be confirmed
Najla Rettberg, Göttingen University, Germany

Title to be confirmed
Ivo Grigorov, DTU Aqua, Denmark

14:00 Session 7b: **Digital Preservation**

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

TIMBUS : Digital Preservation for Timeless Business Processes and Services
Wasif Gilani, SAP, United Kingdom

Preserving Irish Cultural Artefacts through Digitisation - Laser Scanning the Ketch (boat) 'AK Ilen'

Matt Smith, Institute of Technology Blanchardstown, Ireland

Digitizing the cultural heritage of a minority organisation in Ireland with global relevance.

Susan Hood, Church of Ireland Representative Church Body Library, Ireland

14:00 Session 7c: **eHealth**

Chair: **Richard Stevens**, Stevens Consultants, Italy

BACKHOME -Brain Neural Computer Interfaces for home use
Suzanne Martin, University of Ulster, United Kingdom

Addressing the Adoptability Challenges of the PHR Systems: SharingCare

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

Moving towards the Vision of truly Integrated Support for the Health of Citizens in Europe – a European Science Foundation Identification of the Challenges and Necessary Action

Michael Rigby, Keele University, Ireland

Enhancing e-Inclusion through Development of Carers' Digital Skills

Verina Waights, The Open University, United Kingdom

14:00 Workshop 7d: **Apps to the Crowd by the Crowd – A Systemic Change or a Wicked Idea?**

Chair: **Jan-Olov Johansson, Centre for Distance Spanning Technology, Sweden**

Mobile Application Development by Users, Experiences and Hands-on

Birgitta Bergvall-Kåreborn, Luleå University of Technology, Sweden

Open interoperable CitySDK APIs leading to Better Cities: Improving Urban Life through Digital Feedback

Hanna Niemi-Hugaerts, Forum Virium Helsinki, Finland

Creative Technology for Social Innovation- Possibilities of Layered CitySDK API in the Mobility Domain

Hanna Niemi-Hugaerts, Forum Virium Helsinki, Finland

15:30 **Coffee Break & Networking**

16:00 Workshop 8a: **Title to be confirmed**

Chair: **tbc**

Presenter details will be published in September

16:00 Session 8b: **Digital Libraries & Cultural Heritage**

Chair: **Ken McHugh, ICatalyst Pte. Ltd., Singapore**

3D-ICONS: Creating & Enabling Access to 3D Content of European Masterpieces

Anthony Corns, The Discovery Programme, Ireland

The CULTURA Pipeline for Digital Humanities Research

Cormac Hampson, Trinity College Dublin, Ireland

Personalising Access to Digital Cultural Heritage Spaces

Kate Fernie, MDR Partners (Consulting) Ltd, United Kingdom

A Digital System to support Teaching, Learning and Engagement with our Cultural Heritage

John Keating, An Foras Feasa, Ireland

16:00 Session 8c: **eHealth II**

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

Evolution of eHealth Knowledge Spaces: Meta Model based Approach for Semantic Lifting

Vedran Hrgovic, BOC Asset Management GmbH, Austria

Integration of Data Services to Enhance Clinical Trial Data Management and GCP (Good Clinical Practice) Compliance at ECRIN Data Centres

Wolfgang Kuchinke, Heinrich-Heine University Duesseldorf, Germany

Health Book: The Citizen View on EHR

Maurizio Gomboli, CSI Piemonte, Italy

TICE.Healthy – Health and Quality of Life Systems

António Cunha, Instituto Pedro Nunes, Portugal

16:00 Workshop 8d: **CO3 - A Powerful Driver for Regional Development**

Chairs: **Olov Forsgren, Borås University College, Sweden & Torbjorn Johansson, Innovation Impact, Sweden**

Building Companies and Moving Cities with CO3

Lars Albinsson, Maestro Management, Sweden

Building Regions with CO3

Thomas Hartman, Region Västerbotten, Sweden

Building Healthcare with CO3

Tomas Gustafsson, Region Västerbotten, Sweden

Building Positive Living Areas with CO3

Torbjorn Johansson, Innovation Impact, Sweden

Building European Village Interchange with CO3

Ulf Lindberg, Sazzex, Sweden



Friday,
October 11,
2013

09:00 Session 9a: **Intelligent Content & Semantics**

Chair: **Ken McHugh, ICatalyst Pte. Ltd., Singapore**

A Proactive Platform for Knowledge Management in Cross-Disciplinary Building Design

Gianfranco Carrara, Sapienza University of Rome, Italy

Efficient Support of Document-Based Business Processes by Integration of Usability-Criteria in Document Management Systems

Violett Panahabadi, FIR at the RWTH Aachen, Germany

Mixer: Learning about Differences

Asad Nazir, Heriot-Watt University, United Kingdom

Viewpoints: An Alternative Approach Toward Business Intelligence

Philippe Lemoisson, Cirad, France

Business Model Design and the Environmental Scanning

Vincent Grèzes, HES-SO Valais, Switzerland

09:00 Session 9b: **Networked, Smart and Virtual Organisations**

Chair: **tbc**

Management of Asynchronous Project Meeting Processes

Kim Jansson, VTT Industrial Systems, Finland

Smart Domestic Environments Hosting Social Users: The Sands Paradigm from a User's Perspective

Bruno Apolloni, University of Milano, Italy

Decision Support based on Simulation Analysis of Service Procurement Scenarios

Peter Weiss, ISS International Business School of Service Management, Germany

A KPI-driven Approach to Evaluate RFID Source Tagging

Theo Lutz, FIR at RWTH Aachen University, Germany

09:00 Session 9c: **Living Labs & User Design**

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

User Driven Service Design and Innovation Platforms

Birgitta Bergvall-Kåreborn, Luleå University of Technology, Sweden

Cross-border Living Lab to Enable and Promote Document Dematerialisation

Flavio Bonfatti, University of Modena and Reggio Emilia, Italy

4th Generation e-Services – Requirements for the Development of Mobile e-Services

Dan Johansson, Luleå University of Technology, Sweden

Improving Energy Efficiency and Well-being in Living through Tenant Participation

Tiina Ferm, Turku University of Applied Sciences, Finland

09:00 Session 9d: **Smart Cities & Smart Grid**

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

Integration of Dutch Government's Geo-information in Smart Grids

Jasper Roes, TNO, Netherlands

Ubiquitous Logistics: A Business and Technology Concept based on Shared Resources

Stefan Wellsandt, BIBA - Bremer Institut für Produktion und Logistik, Germany

Impact of an Open Service Cloud on e-Mobility

Julian Krengel, FIR at RWTH Aachen University, Germany

Urban Dashboard: Know the Territory to build the Smart City

Sante Lorenzo Carbone, CSI Piemonte, Italy

Price Signal-based Demand Side Management for Smart Power Consumption in Industry

Christian Maasem, FIR at RWTH Aachen, Germany

10:30 Coffee Break & Networking

11:00 Panel Session 10: Experiences in FP7 and Strategies for Horizon 2020

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

Experiences in FP7

Mark Daly, ESB ecars, Ireland

Experiences in FP7

Dirk Pesch, Nimbus Centre for Embedded Systems Research, CIT, Ireland

Panel Discussion on Strategies for Horizon 2020

13:00 Closing Plenary 11

Best Paper Awards

13:30 Lunch & Networking

The Programme is subject to change. This Programme is accurate as at 02 September 2013.

Registration Information

It is necessary for all **eChallenges e-2013** delegates to register separately online. Please use your existing log-in details for Online Registration.

Conference Fees

Authors Fees (Due by 19 August)

- 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 (Extended to 10 September)

- 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 11 September

- 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

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, Malí, 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-2013** must complete payment registration online by **19 August**, 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. Delegates' fees must be paid before admission to the Conference.

4. There are **no refunds for cancellations** but substitutions may be made at any time prior to the event by contacting the Conference Secretariat.

5. Each individual must be registered separately on the **eChallenges e-2013** Conference portal.

6. 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-2013** Conference", your name, organisation and invoice number (if relevant).

7. 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.

8. Conference registration or hotel accommodation is not confirmed until full payment is received.

9. Online registration facilitates conference registration and booking of hotel accommodation. It is possible to go back through online registration at any stage, book items not previously confirmed (such as accommodation) and complete payment.

10. The Registration Desk will open on Tuesday 08 October from 17:00 to 19:00 and will remain open during normal Conference hours from 08:00 on Wednesday 09 October.