eChallenges e-2006

Announcement
and Call for Papers

Barcelona *Spain*　　25 - 27 October 2006

e·2006
eChallenges

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Introduction

The **eChallenges e-2006** Conference Conference takes place in the beautiful city of Barcelona. This is the sixteenth in a series of Annual Conferences supported by the European Commission, which regularly attracts over 550 delegates from leading commercial, government & research organisations around the world to share knowledge and experience, lessons learnt and good practice.

The goals of the eChallenges Conference Series are to stimulate take-up of RTD results by industry - in particular SMEs - as well as the European public sector, to promote knowledge sharing between commercial organizations, government agencies and the research community, to exchange experiences about the current state of eAdoption at a sectoral, national or regional level, support International Cooperation and open up the European Research Area (ERA) to the rest of the world.

Conference Focus

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

eChallenges e-2006 will focus on topics in the area of applied Information Society Technologies (IST) research, addressing major societal and economic challenges. The programme combines strategic keynote presentations, technical and policy papers, business and government case studies, workshops, the exhibition as well as social activities.

eChallenges provides a collegiate setting for presentations and discussions of innovative developments in eBusiness, eGovernment, Knowledge Management, Collaborative Working Environments, Smart/Virtual Organisations, Mobility, SME Issues, eLearning and Digital Content in the emerging digital economy. e-2006 provides an excellent networking environment to discuss problems and new ideas, share knowledge and obtain feedback from potential partners and users.

e-2006 will provide a forum to *showcase the achievements* of FP6 and Regional, National and International ICT related initiatives, and *look forward to the future* by focusing on i2010 and the thematic priorities of FP7. The 'European Research Area' (ERA), International Cooperation and future research priorities and trends will also be discussed.

Thematic Priorities

The core thematic priorities for **e-2006** *are:*
- eBusiness – Future forms of organisations, Technology and Applications
- eGovernment – Services to Citizens and Business, Organisational Transformation
- eLearning and ICT Skills
- Collaborative Working Environments
- International Cooperation on IST

Related themes include but are not restricted to:
- i2010 and ICT take-up by SMEs
- Digital Content & Digital Rights Management – issues, applications & technologies
- eDemocracy, eVoting, eParticipation
- eHealth - issues, applications & technologies
- eInclusion and eAccessibility
- eTourism and Cultural Heritage
- eServices in the European Research Area
- Future Emerging Technologies
- GRID – issues, applications and technologies
- Knowledge management and technologies
- Interoperability and Standardisation
- Mobility – issues, applications & technologies
- Open Source Technologies and Applications
- Security – issues, applications & technologies
- Semantic and knowledge based systems
- Smart and Virtual Organisations

Related topics for papers or sessions may include:
- Best Practice Models – Lessons Learnt
- eAdoption – national and sectoral case studies and policy issues
- Future Workplace Design
- Identity Management and Authentication
- Innovation & Technology Transfer
- Legal and Regulatory Challenges for IST
- Measuring and Benchmarking
- Multimodal Working Environments

Plenary Session Speakers

Keynote speakers already include:

- **Maravillas Rojo Torrecilla,** Councillor for Employment and Innovation, Ajuntament de Barcelona
- **Joao Da Silva,** Director of the European Commission
- **Ingo Juraske,** VP EMEA, Hewlett Packard Europe
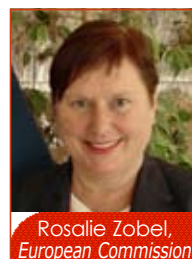- **Rosalie Zobel,** Director of the European Commission

Maravillas Rojo,
Ajuntament de Barcelona

Joao Da Silva,
European Commission

Ingo Juraske,
HP Europe

Rosalie Zobel,
European Commission

Submission of Abstracts

Extended abstracts are invited for **e-2006**. The conference language is English and abstracts should be for technical papers, business/government case studies or visionary papers within the scope of the conference. **Extended abstracts of 1,000 - 1,200 words** must be registered on the conference portal (**www.eChallenges.org**) by **28th February**.

Your abstract should provide a clear overview of your proposed paper using the following headings:

- Introduction - Issues to be addressed
- Objectives of your paper
- Methodology Used
- Technology or Business Case Description
- Conclusions and Summary Recommendations

It should *focus on a research topic* on which either a case study, initial or final results can be published, All papers must *highlight the level of innovation*. General project descriptions are not appropriate. Criteria for proposals for workshop sessions are provided on **www.eChallenges.org**.

Papers or sessions can take the form of:

- Presentation of innovative ICT achievements
- Discussion of current status of eAdoption in a specific industry sector, country or region
- Lessons learnt - business/government case studies
- Lessons learnt from regional and national programmes and initiatives
- Discussion of ERA or International Cooperation oriented issues
- Discussion of existing and emerging standards
- Discussion of future oriented technologies
- Discussion of existing and emerging standards
- Discussion of IPR, legal and contractual issues

Papers and workshops are subject to acceptance at both stages of the double blind peer review process. Final papers and workshop sessions are also subject to editorial review and a quality check.

It is a condition of submitting an abstract that (a) authors act on feedback and comments provided by the International Programme Committee (IPC) to ensure high quality conference proceedings, (b) presenters act on feedback provided by their Session Chair to ensure high quality presentations, and (c) presenters register and pay the participant's fee by 30th June, before the papers are sent to the publisher.

Publishing schedule for e-2006

- Paper abstracts, workshop and tutorial proposals submitted by *28th February 2006*
- Provisional acceptance by *31st March*
- Draft papers submitted by *30th April*
- Provisional acceptance of draft papers with IPC feedback provided by *31st May*
- Final papers to be delivered electronically by *30th June* for editorial review and quality check

Conference Proceedings

The **e-2005** conference proceedings were published in CD-ROM format. "Innovation and the Knowledge Economy – Issues, Applications, Case Studies", an accompanying 2-volume book was published by IOS Press. Each delegate received a free copy of the book and conference proceedings at Registration.

Following the conference, all PowerPoint presentations were published on the Conference Portal, to which all registered delegates have access.

International Programme Committee

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

The **e-2006** *Programme Committee includes*

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

Organising Committee

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

Conference Secretariat

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Exhibition

An important aspect of eChallenges is the annual exhibition, which showcases innovative research results and applications through technology demonstrations and posters.

Participation in the Exhibition is rewarding, as it provides a valuable opportunity to those involved in commercial, national, regional or European funded research to develop market awareness & build relationships with potential partners or clients from around the world.

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

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

Proposals for demonstration stands and poster spaces will be evaluated on a first come, first served basis under the Call for Exhibitors.

Sponsorship Opportunities

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

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

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

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

Social Activities

The social programme will include a partners' programme and sponsored gala reception and weekend excursions following the conference.

Conference Portal & Delegate Showcase

www.eChallenges.org