

EGOV Conference

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Ake Grönlund, Örebro University (SE)
Jochen Scholl, University of Washington (USA)

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Jochen Scholl, University of Washington (USA)

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Sue Williams, The University of Sydney, Australia
Maria A. Wimmer, University of Koblenz-Landau, Germany

Scientific Program EGOV 2007

Monday, 3 September 2007

9:00 - 9:30 DEXA general opening

Workshop 1: Semantic Help: Status, Research Objectives, First Implementation Steps

11:00 - 12:30

organised by:

Josef Makolm, Silke Weiss, Federal Ministry of Finance (Austria)
 Roland Traummüller, Austrian Computer Society (Austria)

12:30 - 14:00 Lunch break

Session 1a: eGovernment around the globe

Chaired by Carl Erik Moe, Norway
 14:00 - 15:30

What Matters in the Development of eGovernment in the EU?
 Cene Bavec, Mirko Vintar, University of Ljubljana, Faculty of Administration (Slovenia)

Towards a Methodology for Designing eGovernment Control Procedures
 Ziv Baida, Jianwei Liu, Yao-hua Tan, Vrije Universiteit Amsterdam (The Netherlands)

Session 1b: eServices – cases

Chaired by Björn Niehaves, Germany
 14:00 - 15:30

Aggregation of Reference Process Building Blocks to Improve Modeling in Public Administrations
 Lars Baacke, Peter Rohner, Robert Winter, Institute of Information Management, University of St. Gallen (Switzerland)

eProcurement as a Learning Process: What Social and Organizational Concerns Tell to System Development
 Giorgio De Michelis, Anna Casaglia, Daniela Cherubini, University of Milan Bicocca (Italy)

Workshop 1: Semantic Help: Status, Research Objectives, First Implementation Steps (cont'd)

14:00 - 15:30
 organised by:
 Josef Makolm, Silke Weiss, Federal Ministry of Finance (Austria)
 Roland Traummüller, Austrian Computer Society (Austria)

15:30 - 16:00 Coffee break

Session 2a: Status of eGovernment

Chaired by Giorgio De Michelis, Italy
 16:00 - 17:30

The Development of the Local eAdministration: Empirical Evidences from the French Case
 Amel Attour-Oueslati, University of Nice Sophia-Antipolis-CNRS & Orange Labs (France)
 Denis Dufresne, Orange Labs (France)
 Christian Longhi, University of Nice Sophia-Antipolis-CNRS (France)

Closing the Gap: Understanding the Drivers for Use
 Liz Lee-Kelley, Ailsa Kolsaker, School of Management, University of Surrey (UK)

Arguments for an eService Discipline
 Marc Wilhelm Küster, FH Worms (Germany)

Session 2b: eServices with a Citizens Focus

Chaired by Herbert Kubicek, Germany
 16:00 - 18:00

Talking to, not about Citizens: Experiences of Focus Groups in Public eService Development
 Karin Axelsson, Ulf Melin, Linköping University (Sweden)

The Multi-Channel Citizen: A study of the Use of Service Channels by Citizens in the Netherlands
 Wolfgang Ebbers, Willem Pieterse, University of Twente (The Netherlands)

Website Evaluation Questionnaire: Research-based Tool for Evaluating Informational Websites
 Sanne Elling, Leo Lentz, Utrecht University (The Netherlands)
 Menno de Jong, University of Twente (The Netherlands)

Assessing eGovernment Services from Citizens' Clickstream Data
 Sangin Park, Yeon-Tae Choi, Dae Hyun Bae, Seoul National University (South Korea)

Workshop 2: eGovernment Innovation in Cross-Border Trade

16:00 - 18:00
 organised by:
 Yao-Hua Tan, Ziv Baida, Free University Amsterdam (The Netherlands)
 Helle Zinner Henriksen, Copenhagen Business School (Denmark)

Tuesday, 4 September 2007

Session 3: Research Foundations and Frameworks 1

Chaired by Jochen Scholl, USA

9:00 - 11:00

Third Generation eGovernment Research: The Need to Explore the Hidden Dimensions of Government
Frank Bannister, Trinity College Dublin (Ireland)

Developing an eGovernment Research Roadmap: Method and Example from eGovRTD2020
Maria Wimmer, University of Koblenz (Germany)
Cristiano Codagnone, Milan State University (Italy)
Xiaofeng Ma, Center for Technology and Innovation Management (Germany)

Towards a Cumulative Tradition in eGovernment Research: Going beyond the Gs and Cs
Leif Skiftenes Flak, Maung Kyaw Sein, Øystein Sæbø, Agder University College (Norway)

Mind the Gap II: eGovernment and eGovernance
Ailsa Kolsaker, Liz Lee-Kelley, School of Management, University of Surrey (UK)

11:00 - 11:30 Coffee break

Session 4a: Research Foundations and Frameworks 2

Chaired by Sharon Dawes, USA
11.30 – 12.30

Innovation Processes in the Public Sector: New Vistas for an Interdisciplinary Perspective on eGovernment Research?
Bjoern Niehaves, European Research Center for Information Systems (Germany)

A Framework for the Introduction of eGovernment Research Areas: Case of Science Direct
Amirhossein Ghapanchi, Amir Albadvi, Behrouz Zarei, Tarbiat Modares University (Iran)

Session 4b: Democracy and Participation - eParticipation Cases

Chaired by Kim V. Andersen, Denmark
11.30 – 12.30

What are the Future Possibilities of eDemocracy? A Discussion Paper
Ovid Pacific Boyd, Örebro University (Sweden)

From Participatory Budgets to eParticipatory Budgets: Models, Methods and Systems
Roman Efremov, David Rios-Insua, Rey Juan Carlos University (Spain)
Alexander Lotov, Lomonosov Moscow State University (Russia)

Partecipa.net: A Kit of Methods and Tools for eParticipation Processes
Sabrina Franceschini, Regione Emilia Romagna (Italy)
Lucia Mazzoni, Alessandro Dotti Contra, ASTER S. Cons. P.A. (Italy)
Claudio Forghieri, Comune di Modena (Italy)

12:30 - 14:00 Lunch break

Session 5a: Interoperability

Chaired by Eduard Hovy, USA
14:00 - 15:30

Building a Local Administration Services Portal for Citizens and Businesses: Service Composition, Architecture and Back-office Interoperability Issues
Sotirios Koussouris, Yannis Charalabidis, George Gionis, Tasos Tsitsanis, National Technical University of Athens (Greece)

Three Dimensions of Organizational Interoperability: Towards Improving Current Interoperability Frameworks for eGovernment
Herbert Kubicek, Ralf Cimander, Institute for Informationmanagement Bremen (ifib), Germany

Shifting to Second Generation eGovernment Interoperability Frameworks
Yannis Charalabidis, Fenareti Lampathaki, Dimitris Askounis, National Technical University of Athens (Greece)
Dimitris Stassis, Greek Ministry of Interior (Greece)

Session 5b: Democracy and Participation - Argumentation Design and Ontologies

Chaired by Ake Grönlund, Sweden
14:00 - 15:30

Design and Metrics of a 'Democratic Citizenship Community' in Support of Deliberative Decision-Making
Cristiano Maciel, Ana Cristina Bicharra Garcia, Universidade Federal Fluminense (Brazil)

Argumentation Systems and Ontologies for Enhancing Public Participation in the Legislation Process
Eripidis Loukis, University of the Aegean (Greece)
Maria Wimmer, University of Koblenz-Landau (Germany)
Yannis Charalabidis, National Technical University of Athens (Greece)
Anna Triantifiou, Athens Technology Center (Greece)
Rimantas Gatautis, Kaunas Technology University (Lithuania)

An Ontological Approach to Represent Process Semantics of Legal Documents
Richard Hackelbusch, Carl von Ossietzky Universität Oldenburg (Germany)

15:30 - 16:00 Coffee break

Session 6a: Knowledge Management - Concepts and Systems

Chaired by Josef Makolm, Austria

16:00 - 17:30

Case Study on Government Information Resources Management in Korea: Improving Government IT management Efficiency and System Connectivity

Hyun Young Kweon, Yoon Seok Ko, Presidential Committee on Government Innovation & Decentralization (South Korea)

The Housing Lottery in Slovenia: eGovernment Perspective

Bojan Cestnik, Temida d.o.o. & Jozef Stefan Institute (Slovenia)

Alenka Kern, Helena Modrijan, The Housing Fund of the Republic of Slovenia (Slovenia)

Business Intelligence in Local Public Administrations - Project Experiences from Germany

Jörg Becker, Björn Niehaves, Felix Müller-Wienbergen, European Research Center for Information Systems (Germany)

Session 6b: Democracy and Participation: eVoting

Chaired by Keith Horton, UK

16:00 - 17:30

A Trust-Centered Approach for Building eVoting Systems

Yannis Stamatou, Research Academic Computer Technology Institute (Greece)

eVoting: Usability and Acceptance of Two-stage Voting Procedures

Alexander Prosser, University of Economics and Business Administration Vienna (Austria)

Karl Schiessl, Martin Fleischhacker, Wiener Zeitung GmbH (Austria)

Requirements and Evaluation Techniques for Online Voting

Melanie Volkamer, University Passau, Institute for IT-Security and Security Law (Germany)

Robert Krimmer, E-Voting.CC (Austria)

Panel Discussion on eGovernment Journals

16:00 - 17:30

Organised by:

Jochen Scholl, University of Washington (USA)

Wednesday, 5 September 2007

Session 7a: Mobile Government: Concepts and cases

Chaired by Maria Wimmer, Germany

9:00 - 10:00

eGovernment Field Force Automation: Promises, Challenges, and Stakeholders

Jochen Scholl, Raya Fidel, Shuhua (Monica) Liu, Michael Paulsmeyer, Kristene Unruh, University of Washington (USA)

Mobile Services for Parliamentarians: Drivers and Expectations

Angus Whyte, University of Edinburgh (UK)

Alexandros Xenakis, Ioanian University (Greece)

Jordi Puiggali, Sctl Secure Electronic Voting (Spain)

Ann Macintosh, University of Leeds (UK)

Peter Cruickshank, Napier University ITC (UK)

Session 7b: Policies and Strategies: Instruments of Control

Chaired by Victor Bekkers, The Netherlands

10:00 - 11:00

Access Control in Federated Databases: How Legal Issues Shape Security

Mark Burdon, Juan Gonzalez Nieto, Sharon Christensen, Ed Dawson, Bill Duncan, Bill Lane, Adrian McCullagh, Queensland University of Technology (Australia)

Antecedents of Corruption and the Role of eGovernment Systems in Developing Countries

Rahul Dè, Indian Institute of Management, Bangalore (India)

11:00 - 11:30 Coffee break

Session 8a: Exploitation of GIS

Chaired by Yigal Arens, USA

11:30 - 12:30

Assessing the Role of GIS in Policy Design: A Tale of Two Cities

R. F. I. Moody, Erasmus University (The Netherlands)

Conceptualizing Government-to-Government (G2G) Relations through the Case of Geoinformation-based G2Gs

Walter T. de Vries, International Institute for Geo-Information Science and Earth Observation (ITC) (The Netherlands)

Session 8b: Policies and Strategies: Implementations

Chaired by Friedrich Lachmayer (Austria)

11:30 - 12:30

Interpreting eGovernment: Implementation as the Moment of Truth

Maddalena Sorrentino, State University of Milan (Italy)

eGovernance For Fragile States: Reconstructing Public Administration

Wolfgang Gräther, Peter Mambrey, Wolfgang Prinz, Fraunhofer FIT (Germany)

12:30 - 14:00 Lunch break

Session 9a: Process Design

Chaired by Marijn Janssen, The Netherlands

14:00 - 15:30

Domain Specific Process Modelling in Public Administrations: The PICTURE-Approach

Jörg Becker, Daniel Pfeiffer, Michael Räckers, European Research Center for Information Systems (Germany)

Selection of Appropriate Payment Methods for eGovernment: Model and Application

Georg Wittmann, Markus Breitschaft, Thomas Krabichler, Ernst Stahl, University of Regensburg (Germany)

The Italian eGovernment Service Oriented Architecture: Strategic Vision and Technical Solutions

Roberto Baldoni, Massimo Mecella, Centro Nazionale per l'Informatica nella Pubblica Amministrazione (Italy)

Stefano Fuligni, Francesco Tortorelli, University of Rome (Italy)

Session 9b: Policies and Strategies: Take-up and Usability

Chaired by Ailsa Kolsaker, UK

14:00 - 15:30

Analysing Demand Side of eGovernment: What Can We Learn From Slovenian Users?

Mateja Kunstelj, Tina Jukic, Mirko Vintar, University of Ljubljana, Faculty of Administration (Slovenia)

Public Sector Partnerships to Deliver Local eGovernment

Sarah Cotterill, Stephen King, University of Leeds (UK)

Diffusion of e-Government Innovations in the Dutch Public Sector: The Case of Digital Community Policing

Evelien Korteland, Victor Bekkers, Erasmus University (The Netherlands)

15:30 - 16:00 Coffee break

Session 10a: Process Design and Interoperability

Chaired by Ralf Klischewski, Egypt

16:00 - 18:00

An Architecture of Active Life Event Portals: Generic Workflow Approach

Mariusz Momotko, Wojciech Izdebski, Rodan Systems (Poland)

Efthimios Tambouris, Konstantinos Tarabanis, University of Macedonia (Greece)

Mirko Vintar, University of Ljubljana (Slovenia)

Domain Models and Enterprise Application Framework for Developing Electronic Public Services

Adegboyega Ojo, Tomasz Janowski, Elsa Estevez, Center for Electronic Governance, United Nations University, International Institute for Software Technology (Macao, China)

eAdministration for Small Local Authorities: The eASLA Project

Angel Palazon, Jesus Garcia-Consuegra, University of Castilla-La Mancha (Spain)

Ademar Aguiar, University of Porto (Portugal)

Rui Barros, INESC Porto (Portugal)

David Jouson, Aquitaine Europe Communication (France)

Juan Torres, Polytechnic University of Madrid (Spain)

eGovernment Services Composition Using Multi-Faceted Metadata Classification Structures

Fenareti Lampathaki, Dimitris Sarantis, Yannis Charalabidis, National Technical University of Athens (Greece)

Session 10b: Quality Assessment: Evaluation

Chaired by Karin Axelsson, Sweden

16:00 - 17:30

Inclusion in the eService Society: Investigating Administrative Literacy Requirements for Using eServices

Åke Grönlund, Mathias Hatakka, Andreas Ask, Örebro University (Sweden)

An Ontology for the Multi-Perspective Evaluation of Quality in e-Government Services

Babis Magoutas, Christos Halaris, Gregoris Mentzas, Institute of Communication and Computer Systems, National Technical University of Athens (Greece)

A Critical Analysis of the Concepts of Accessibility and Usability of e-Government Websites in Italian Legislation. A Comparison with the German Approach
Pietro Luca Agostini, Raffaella Naggi, Catholic University Milan (Italy)

Workshop 3: International eGovernment Research Collaborations and Challenges

16:00 - 18:00

Organised by:

Sharon Dawes, CTG, University at Albany (USA)

Marijn Janssen, TU Delft (The Netherlands)

Maria A. Wimmer, University of Koblenz-Landau (Germany)

Thursday, 6 September 2007

Session 11a: eServices: Literacy and Inclusion

Chaired by Mirko Vintar, Slovenia

9:00 - 11:00

Reaching Communication Quality in Public eForms: A Communicative Perspective on eForm Design
Karin Axelsson, Stefan Ventura, Linköping university (Sweden)

The Digital Divide Metaphor: Understanding Paths to IT Literacy

Enrico Ferro, Istituto Superiore Mario Boella (Italy)

J. Ramon Gil-Garcia, Centro de Investigación y Docencia Económicas (Mexico)

Natalie Helbig, University at Albany (USA)

eServices for Citizens: The Dutch Usage Case

Jan van Dijk, Willem Pieterse, Alexander van Deursen, University of Twente (The Netherlands)

Wolfgang Ebbers, Telematica Instituut (The Netherlands)

Agriculture Market Information eService in Bangladesh

Sirajul Islam, Åke Grönlund, Örebro University (Sweden)

Session 11b: Methods and Tools: Design Concepts

Chaired by Tomasz Janowski, China

9:00 - 11:00

Action in Action Research: Illustrations of What, Who, Why, Where, and When from an eGovernment Project
Ulf Melin, Karin Axelsson, Linköping University (Sweden)

Towards a Universal Catalogue of User Interface Patterns for eGovernment Web sites

Florence Pontico, Marco Winckler, Université Paul Sabatier (France)

Quentin Limbourg, SmalS-MvM (Belgium)

The Use of Multidimensional Scaling as Applied to the eGovernment

Francisco Sobreira Netto, João Eduardo Ferreira, Maria Aparecida Gouvea, University of Sao Paulo (Brazil)

Structuration Theory and the Use of XML for Web Site Content Management in Government: Comprehensive Prototyping as an Induced Change Episode

J. Ramon Gil-Garcia, Centro de Investigación y Docencia Económicas (Mexico)

Andrea Baker, Center for Technology in Government, University at Albany (USA)

11:00 - 11:30

Coffee break

Session 12a: eServices: Architecture Concepts and Personalization

Chaired by Dieter Spahni, Switzerland

11:30 - 12:30

Framework for Integration of eGovernment Services on a Semantic Basis

Karol Furdik, InterSoft (Slovakia)

Tomas Sabol, Peter Bednar, Technical University of Kosice (Slovakia)

Citizen Initiated Contacts: Fitting Personal Preferences, Task and Situation to Channel Choice

Willem Pieterse, University of Twente (The Netherlands)

Wim Schoonderbeek, Peter Verboon, Jo van Kruchten, Dutch Tax and Customs Administration (The Netherlands)

Session 12b: Knowledge Management Technologies

Chaired by Themis Tambouris, Greece

11:30 - 12:30

eServices and Long-term Preservation

Göran Samuelsson, Lena-Maria Öberg, Erik Borglund, Mid Sweden University (Sweden)

Architecture of Groupware System in SAKE

Peter Butka, Jan Hreno, Technical University of Kosice (Slovakia)

12:30 - 14:00 Lunch break

Session 13a: eServices: Semantic Concepts

Chaired by Tomas Sabol, Slovakia

14:00 - 15:30

A Case Study of Semantic Solutions for Citizen-centered Web Portals in eGovernment: The Tecut Portal

Flavio Corradini, Alberto Polzonetti, Barbara Re, University of Camerino (Italy)

Luis Alvarez Sabucedo, Luis Anido Rifón, University of Vigo (Spain)

Reference Models for eServices Integration Based on Life-events

Ljupco Todorovski, Mateja Kunstelj, Mirko Vintar, University of Ljubljana, Faculty of Administration (Slovenia)

Designing Semantic eGovernment Services Driven by User Requirements

Ralf Klischewski, Stefan Ukena, German University in Cairo (Egypt)

Session 13b: Quality Assessment: Methods

Chaired by Roland Traunmüller, Austria

14:00 - 15:00

Towards a Network Government? A Critical Analysis of Current Assessment Methods for eGovernment

Ana Waksberg Guerrini, Eduard Aibar Puentes, Research Group on Governance, Internet Interdisciplinary Institute, Universitat Oberta de Catalunya (Spain)

Exploring Strengths and Weaknesses of ISO Quality Management within eGovernment

Mauricio Minuto Espil, Luis Landoni, Adolfo Sejjo, Carolina Piboul, Santiago Montoya, Government of the Province of Buenos Aires (Argentina)

Measuring the performance of G2G Services

Maryam Safdari, University of London (UK)

15:30 - 16:00 Coffee break

Workshop 4: Implementation of Paper-free Records Exchange in the Estonian Public Sector

16:00 - 17:30

Organised by:

Kädi Riismaa and Replika Metsallik-Koppel, Department of Records Management, State Chancellery of the Republic of Estonia (Estonia)

Workshop 5: eParticipation in Converging European Regions

16:00 - 17:30

organised by:

Yannis Charalabidis, National Technical University of Athens (Greece)

Ella Smith, Napier University (UK)

The René Wagenaar Outstanding Paper Awards at EGOV 2007

17:30 – 18:00

Organised by the EGOV-Society