

Commenced Publication in 1973

Founding and Former Series Editors:

Gerhard Goos, Juris Hartmanis, and Jan van Leeuwen

Editorial Board

David Hutchison

Lancaster University, UK

Takeo Kanade

Carnegie Mellon University, Pittsburgh, PA, USA

Josef Kittler

University of Surrey, Guildford, UK

Jon M. Kleinberg

Cornell University, Ithaca, NY, USA

Alfred Kobsa

University of California, Irvine, CA, USA

Friedemann Mattern

ETH Zurich, Switzerland

John C. Mitchell

Stanford University, CA, USA

Moni Naor

Weizmann Institute of Science, Rehovot, Israel

Oscar Nierstrasz

University of Bern, Switzerland

C. Pandu Rangan

Indian Institute of Technology, Madras, India

Bernhard Steffen

TU Dortmund University, Germany

Demetri Terzopoulos

University of California, Los Angeles, CA, USA

Doug Tygar

University of California, Berkeley, CA, USA

Gerhard Weikum

Max Planck Institute for Informatics, Saarbruecken, Germany

Efthimios Tambouris Ann Macintosh
Frank Bannister (Eds.)

Electronic Participation

6th IFIP WG 8.5 International Conference, ePart 2014
Dublin, Ireland, September 2-3, 2014
Proceedings



Springer

Preface

The annual international IFIP conference on electronic participation (ePart) aims to bring together researchers of distinct disciplines in order to present and discuss advances in eParticipation research. As the field of eParticipation is multidisciplinary in nature, ePart provides an excellent opportunity for researchers with backgrounds in different academic discipline to share and discuss current research on foundations, theories, methods, tools, and innovative applications of eParticipation. In addition, ePart provides a fruitful ground to nurture and plan future cooperation.

The 6th ePart conference was organized by members of IFIP Working Group 8.5 and was supported by a multidisciplinary Program Committee from all over the globe. As always, the conference was organized along with the International Conference on Electronic Government (EGOV). Both conferences are supported by the International Federation for Information Processing Working Group 8.5 on Information Systems in Public Administration (IFIP WG 8.5).

The IFIP ePart 2014 Call for Papers attracted a wide range of topics with 22 submissions, which included 11 accepted full research papers, 5 ongoing research papers and one workshop.

This volume includes complete research work organized in four groups as follows:

- Social media
- Review and Analysis
- Engaging citizens online
- Software platforms and evaluation

In addition, ongoing research papers and the workshop abstracts are published by IOS Press in a complementary proceedings volume. As in previous years, that volume covers paper contributions, workshop abstracts, and panel summaries from both, IFIP EGOV and IFIP ePart conferences. Edited by the chairs of both conferences, the volume once again illustrates the close links between ePart and EGOV, our sister conference focusing on eGovernment research.

All ePart submissions were blind peer reviewed by at least three reviewers from the ePart 2014 Program Committee with the assistance of additional reviewers. We would like to acknowledge their professionalism and rigor which has resulted in these high quality papers.

For the third time and as per the recommendation of the Paper Awards Committee, led by committee chair Olivier Glassey of IDHEAP, Lausanne, Switzerland, the IFIP ePart 2014 Organizing Committee granted an outstanding paper award. The winners were presented with their award in the ceremony at the conference dinner, which has become a highlight of each ePart conference. The names of the winners are available on the conference web page: <http://www.epart-conference.org/>.

IFIP ePart 2014 was hosted by the Trinity College Dublin which is situated in the heart of Dublin, Ireland. Trinity College Dublin was created by royal charter in 1592. There were 16,646 registered students in 2012/13 and over 100,277 alumni. Trinity College has a long history, whose ongoing traditions and enduring artifacts we were able to enjoy. The conference dinner was held in the marvellous 18th century dining hall. The welcome drinks were held in the atrium, which has a modern internal structure and is an obvious contrast to the more traditional dining hall.

We are grateful to a number of people who made IFIP ePart 2014 happen. We thank the members of the ePart 2014 Program Committee and the additional reviewers for their great efforts in reviewing the submitted papers. Frank Bannister and his team of Trinity College Dublin were major contributors who tirelessly organized and managed all details locally.

September 2014

Efthimios Tambouris
Ann Macintosh
Frank Bannister

Organization

Conference Chairs

Efthimios Tambouris	University of Macedonia, Greece
Ann Macintosh	University of Leeds, UK
Frank Bannister	Trinity College Dublin, Ireland

PhD Colloquium Chairs

Sharon Dawes	Center for Technology in Government, University at Albany, NY/USA
Björn Niehaves	ERCIS, Universität Münster, Germany

Program Committee and Reviewers

Steffen Albrecht	Karlsruhe Institute of Technology, Germany
Joachim Åström	Örebro University, Sweden
Frank Bannister	Trinity College Dublin, Ireland
Lasse Berntzen	Vestfold University College, Norway
Yannis Charalabidis	National Technical University of Athens, Greece
Soon Ae Chun	CUNY, USA
Todd R. Davies	Stanford University, USA
Anna De Liddo	KMi, Open University Milton Keynes, UK
Annelie Ekelin	Blekinge Institute of Technology, Sweden
Elsa Estevez	United Nations University - International Institute for Software Technology, Macao
Olivier Glassey	Institut de Hautes Etudes en Administration Publique, Switzerland
Dimitris Gouscos	University of Athens, Greece
Johann Höchtl	Danube University Krems, Austria
Naiyi Hsiao	National Chengchi University, Taiwan
Luiz Joia	FGV, Brazil
Nikos Karacapilidis	University of Patras, Greece
Roman Klingner	University of Bielefeld, Germany
Euripidis Loukis	University of Aegean, Greece
Rui Pedro Lourenço	INESC Coimbra, Portugal
Cristiano Maciel	Universidade Federal de Mato Grosso, Brasil
Ann Macintosh	The University of Leeds, UK
Rony Medaglia	Copenhagen Business School, Denmark
Yuri Misnikov	University of Leeds, UK

VIII Organization

Ojelanki Ngwenyama	Ryerson University, Canada
Adegboyega Ojo	NUI Galway Ireland, Ireland
Panagiotis Panagiotopoulos	Brunel University, UK
Theresa Pardo	Center for Technology in Government, University at Albany, SUNY, USA
Peter Parycek	Danube University Krems, Austria
Marco Prandini	University of Bologna, Italy
Andrea Resca	LUISS Guido Carli University, Italy
Sabrina Scherer	University of Koblenz-Landau, Germany
Hans J. Scholl	University of Washington, USA
Toramatsu Shintani	Graduate School of Engineering, Nagoya Institute of Technology, Japan
Mauricio Solar	Universidad Técnica Federico Santa María, Chile
Øystein Sæbø	University of Agder, Norway
Efthimios Tambouris	University of Macedonia, Greece
Konstantinos Tarabanis	University of Macedonia, Greece
Ella Taylor-Smith	International Teledemocracy Center, UK
Peter Teuffl	Graz University of Technology, Austria
Daniela Tiscornia	ITTIG-CNR, Italy
Maria Wimmer	University of Koblenz-Landau, Germany
Adam Wyner	University of Aberdeen, UK
Chien-Chih Yu	National ChengChi University, Taiwan

Additional Reviewers

Gabriel Cavalheiro	Getulio Vargas Foundation, Brazil
Marcelo Fornazin	Getulio Vargas Foundation, Brazil
Eleni Panopoulou	University of Macedonia, Greece
Lukasz Porwol	NUI Galway Ireland, Ireland
Ralph Schoellhammer	Danube University Krems, Austria

Table of Contents

Social Media

Social Media vs. Traditional Internet Use for Community Involvement: Toward Broadening Participation	1
<i>Andrea Kavanaugh, John C. Tedesco, and Kumbirai Madondo</i>	
Leveraging European Union Policy Community through Advanced Exploitation of Social Media	13
<i>Yannis Charalabidis, Euripidis Loukis, Yannis Koulizakis, David Mekkaoui, and Antonis Ramfos</i>	
Genres of Participation in Social Networking Systems: A Study of the 2013 Norwegian Parliamentary Election	26
<i>Marius Rohde Johannessen</i>	
Starting a Conversation: The Place of Managers in Opening Discussions in Communities of Practice	38
<i>Azi Lev-On and Nili Steinfeld</i>	

Review and Analysis

The Role of a Political Party Website: Lessons Learnt from the User Perspective	52
<i>Asbjørn Følstad, Marius Rohde Johannessen, and Marika Lüders</i>	
Conceptualising Trust in E-Participation Contexts	64
<i>Sabrina Scherer and Maria A. Wimmer</i>	
Information Technology in eParticipation Research: A Word Frequency Analysis	78
<i>Samuel Bohman</i>	

Engaging Citizens Online

New Ways of Deliberating Online: An Empirical Comparison of Network and Threaded Interfaces for Online Discussion	90
<i>Anna De Liddo and Simon Buckingham Shum</i>	
Engaging Citizens in Policy Issues: Multidimensional Approach, Evidence and Lessons Learned	102
<i>Elena Sánchez-Nielsen, Deirdre Lee, Eleni Panopoulou, Simon Delakorda, and Gyula Takács</i>	

Software Platforms and Evaluation

A Goal Matching Service for Facilitating Public Collaboration Using Linked Open Data	114
<i>Shun Shiramatsu, Teemu Tossavainen, Tadachika Ozono, and Toramatsu Shintani</i>	
Evaluation of an E-participation Project: Lessons Learned and Success Factors from a Cross-Cultural Perspective	128
<i>Peter Parycek, Michael Sachs, Florian Sedy, and Judith Schossböck</i>	
Author Index	141