



Electronic Government

Gabriela Viale Pereira, Marijn Janssen, Habin Lee, Ida Lindgren, Manuel Pedro Rodríguez Bolívar, Hans Jochen Scholl, Anneke Zuiderwijk

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Electronic Government

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Linköping, Sweden, August 31 – September 2, 2020
Proceedings

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Preface

The EGOV-CeDEM-ePart 2020 presents the third-year edition after the merger of the IFIP WG 8.5 Electronic Government (EGOV), the IFIP WG 8.5 IFIP Electronic Participation (ePart), and the Conference for E-Democracy and Open Government Conference (CeDEM). The merged conference is dedicated to the broader area of electronic government, open government, smart governance, e-democracy, policy informatics, and electronic participation. Scholars from around the world have attended this premier academic forum for a long time, which has given EGOV a worldwide reputation as one of the leading conferences in the research domains of electronic, open, and smart government, as well as electronic participation.

Due to the pandemic, this year's conference was held from August 31 to September 2, as a digital conference. The original hosts at Linköping University, Sweden, supported the organization, and all presentations and discussions, workshops keynotes, and panels were held online. Despite the disappointment of not being able to host the conference locally, the conference was a huge success.

The call for papers attracted completed research papers, work-in-progress papers on ongoing research (including doctoral papers), project and case descriptions, as well as workshop and panel proposals. The submissions were assessed through a double-blind peer-review process, with at least two reviewers per submission, and the acceptance rate was 39%. The conference tracks present advances in the socio-technological domain of the public sphere, demonstrating cutting-edge concepts, methods, and styles of investigation by multiple disciplines. The papers were distributed over the following tracks:

- General E-Government and E-Governance Track
- General E-Democracy and eParticipation Track
- AI, Data Analytics, and Automated Decision Making Track
- Smart Cities (Government, Communities and Regions) Track
- Social Media Track
- Social Innovation Track
- Open Data: Social and Technical Aspects Track
- Digital Society Track
- Cybersecurity Track
- Legal Informatics Track
- Practitioners' Track

Among the full research paper submissions, 30 papers (empirical and conceptual) from the general E-Government and E-Governance track, as well as the tracks on Smart Cities, AI, and Open Data were accepted for this year's Springer LNCS EGOV proceedings (vol. 12219), whereas another 11 papers of completed research papers from the General ePart Track, as well as the tracks on Social Media, Legal Informatics, Digital Society, and Social Innovation, went into the LNCS ePart proceedings

(vol. 12220). The papers included in this volume have been clustered under the following headings:

- E-Government Foundations
- E-Government Services and Open Government
- Open Data: Social and Technical Aspects
- AI, Data Analytics, and Automated Decision Making
- Smart Cities

As in the previous years and per the recommendation of the Paper Awards Committee under the leadership of Noella Edelmann, Danube University Krems, Austria, and Evangelos Kalampokis from the University of Macedonia, Greece, the IFIP EGOV-CeDEM-ePart 2020 Conference Organizing Committee grants outstanding paper awards in three distinct categories:

- The most interdisciplinary and innovative research contribution
- The most compelling critical research reflection
- The most promising practical concept

The winners in each category were announced during an awards ceremony held at the conference.

Many people make large events like this conference happen. We thank the members of the Program Committee and the additional reviewers for their great efforts in reviewing the submitted papers. We would like to express our gratitude to Ida Lindgren, Ulf Melin, and the team from Linköping University (LiU) for hosting the conference. Although disappointed from not being able to host it locally, they made the conference a success. LiU conducts world-leading, boundary-crossing research in fields that include materials science, IT, and hearing. In the same spirit, the university offers many innovative educational programs, frequently with a clear professional focus and leading to qualification as, for example, doctors, teachers, economists, and engineers. LiU was granted university status in 1975 and today has 32,000 students and 4,000 employees. The students are among the most desirable in the labor market, and international rankings consistently place LiU as a leading global university. The EGOV 2020 conference was hosted by the Division of Information Systems and Digitalization, at the Department of Management and Engineering, which is one of the most visible digital government research constellations in Europe and well-known for extensive research collaborations with a focus on public sector organizations and their digitalization in Sweden and beyond. We are looking forward having our conference in Linköping in the near future and having the opportunity to visit this excellent research group.

September 2020

Gabriela Viale Pereira
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Organization

Conference Lead Organizer

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Ida Lindgren Linköping University, Sweden
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Karin Axelsson Linköping University, Sweden
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AI, Data Analytics, and Automated Decision Making Track

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Social Media Track

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Social Innovation Track

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Open Data: Social and Technical Aspects Track

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Contents

E-Government Foundations

Between Overexploitation and Underexploitation of Digital Opportunities – A Case Study with Focus on Affordances and Constraints	3
<i>Göran Goldkuhl</i>	
Developing an Analytical Framework for Analyzing and Comparing National E-Government Strategies	15
<i>Sara Hofmann, Christian Østergaard Madsen, and Bettina Distel</i>	
A Pathology of Public Sector IT Governance: How IT Governance Configuration Counteracts Ambidexterity	29
<i>Johan Magnusson, Jwan Khisro, and Ulf Melin</i>	
Barriers and Drivers of Digital Transformation in Public Organizations: Results from a Survey in the Netherlands	42
<i>Luca Tangi, Marijn Janssen, Michele Benedetti, and Giuliano Noci</i>	

E-Government Services and Open Government

Smart Policing: A Critical Review of the Literature	59
<i>Muhammad Afzal and Panos Panagiotopoulos</i>	
Utilizing an Investment Instrument for Digital Transformation: A Case Study of a Large Swedish Municipality	71
<i>Jwan Khisro</i>	
Service Quality Through Government Proactivity: The Concept of Non-interaction	82
<i>Peter Kuhn and Dian Balta</i>	
Automatization of Cross-Border Customs Declaration: Potential and Challenges	96
<i>Markko Liutkevičius, Karl Ivory Pappel, Sidra Azmat Butt, and Ingrid Pappel</i>	
AI-Enabled Innovation in the Public Sector: A Framework for Digital Governance and Resilience	110
<i>Gianluca Misuraca and Gianluigi Viscusi</i>	

Technical Debt Management: A Systematic Literature Review and Research Agenda for Digital Government	121
<i>Mille Edith Nielsen, Christian Østergaard Madsen, and Mircea Filip Lungu</i>	
Measure What Matters: A Dual Outcome Service Quality Model for Government Service Delivery	138
<i>Willem Pieterse and Cindy Weng</i>	
Digital Inclusion Competences for Senior Citizens: The Survival Basics	151
<i>Jeremy Rose, Jesper Holgersson, and Eva Söderström</i>	
Walking a Mile in Their Shoes—A Citizen Journey to Explore Public Service Delivery from the Citizen Perspective.	164
<i>Hendrik Scholta, Sebastian Halsbenning, Bettina Distel, and Jörg Becker</i>	
The Role of Domain-Skills in Bureaucratic Service Encounters.	179
<i>Søren Skaarup</i>	
Aligning Stakeholder Interests, Governance Requirements and Blockchain Design in Business and Government Information Sharing	197
<i>Sélinde van Engelenburg, Borianna Rukanova, Wout Hofman, Jolien Ubacht, Yao-Hua Tan, and Marijn Janssen</i>	
Approaches to Good Data Governance in Support of Public Sector Transformation Through Once-Only	210
<i>Maria A. Wimmer, Alessia C. Neuron, and Jan Thomas Freccè</i>	
Governance Challenges of Inter-organizational Digital Public Services Provisioning: A Case Study on Digital Invoicing Services in Belgium.	223
<i>Stijn Wouters, Marijn Janssen, and Joep Crompvoets</i>	
Open Data: Social and Technical Aspects	
A Methodology for Retrieving Datasets from Open Government Data Portals Using Information Retrieval and Question and Answering Techniques.	239
<i>Raissa Barcellos, Flavia Bernardini, and Jose Viterbo</i>	
Open Government Data from the Perspective of Information Needs - A Tentative Conceptual Model	250
<i>Jonathan Crusoe, Elisabeth Gebka, and Karin Ahlin</i>	
Towards a Framework for Open Data Publishers: A Comparison Study Between Sweden and Belgium.	262
<i>Jonathan Crusoe, Anthony Simonofski, and Antoine Clarinval</i>	

Open Government Data Systems: Learning from a Public Utility Perspective	275
<i>Jonathan Crusoe, Anneke Zuiderwijk, and Ulf Melin</i>	
Collaboration in Open Government Data Ecosystems: Open Cross-sector Sharing and Co-development of Data and Software	290
<i>Johan Linåker and Per Runeson</i>	
Towards Generic Business Models of Intermediaries in Data Collaboratives: From Gatekeeping to Data Control	304
<i>Iryna Susha, Maartje Flipsen, Wirawan Agahari, and Mark de Reuver</i>	
AI, Data Analytics, and Automated Decision Making	
Generating Value from Government Data Using AI: An Exploratory Study	319
<i>Yingying Gao and Marijn Janssen</i>	
Identifying Risks in Datasets for Automated Decision-Making	332
<i>Mariachiara Mecati, Flavio Emanuele Cannavò, Antonio Vetrò, and Marco Torchiano</i>	
Using Government Data and Machine Learning for Predicting Firms' Vulnerability to Economic Crisis.	345
<i>Euripidis Loukis, Niki Kyriakou, and Manolis Maragoudakis</i>	
Smart Cities	
Towards Data-Driven Policymaking for the Urban Heat Transition in The Netherlands: Barriers to the Collection and Use of Data.	361
<i>Devin Diran and Anne Fleur van Veenstra</i>	
Identifying Strategic Planning Patterns of Smart Initiatives. An Empirical Research in Spanish Smart Cities	374
<i>Manuel Pedro Rodríguez Bolívar, Cristina Alcaide Muñoz, and Laura Alcaide Muñoz</i>	
Demographical Attributes Explaining Different Stages of OG Development in Spanish Local Governments	387
<i>Manuel Pedro Rodríguez Bolívar, Cinthia L. Villamayor Arellano, and Laura Alcaide Muñoz</i>	

Identification of Competencies and Teaching Models for the Governance
of Smart Sustainable Cities in the South American Context 400
 *Aurora Sanchez-Ortiz, Mauricio Solar, Elsa Estevez,
 and Gabriela Viale-Pereira*

Author Index 413