DG.O 2020
Conference Program

Virtual Conference Platform:
https://discord.com/
June 15 – 19, 2020

	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun
Plenary keynote	Dr. Kate Hohman and Dr. Robert J. Domanski	Prof. Jane Fountain	Prof. Marjin Janssen	Prof. Yelena Yesha	Prof. J. Ramon Gil-Garcia
Paper Sessions		Social media 1	Org. factors 1	Social media 2	Org. factors 2
		Smart cities 1	Data-driven society 1	Smart cities 2	Data-driven society 2
		Beyond bureaucracy	Artificial intelligence 1	Measurement	Innovation
		Governance of technologies and data	Artificial Intelligence 2		Open Government
Special session	Tutorial 1	Tutorial 2	Workshop 1	Workshop 2	Workshop 3
	Poster 1	Poster 2	Poster 3	Poster 4	Poster 5
	Panel 1	Panel 2	Panel 3	Panel 4	Panel 5
			Members meeting		

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June 15, 2020

Keynote Speech: Dr. Kate Hohman and Dr. Robert J. Domanski

- Pandemic Response and Digital Government: Insights from New York City

Tutorial 1 (Chairs: Drs. Wookjoon Sung and Loni Hagen)
- Loni Hagen. *Teaching Data Science to Social Sciences and Humanities Students**
  *Please note that this is a LIVE tutorial session, staring at 9 am EST. It will be recorded and the recorded version will be available on Discord after the session.

Poster 1 (Chair: Dr. Jisung Yoo)
- Yi Long and J. Ramon Gil-Garcia. *The Cost of Citizen Access to Government Services in China: A Survey of Eight Common Services in All Provinces*
- Soon Ae Chun, Chih-Yuan Li, Amir Toliyat and James Geller. *Tracking Citizen's Concerns during COVID-19 Pandemic*
- Seungyoon Shin, Dongwook Kim and Soon A. Chun. *Transparency in Local Governments in Korea*
- Sunyoung Pyo. *Are Body-worn Cameras Effective in Decreasing Police-involved Deaths? Evidence from U.S. Local Police Departments*

Panel 1 (Chairs: Dr. Kwangho Jung and Taewoo Nam)
- Jooho Lee and Jing Shi. *Citizens' Use of E-government and E-participation Applications and Public Values in Korea and China*

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June 16, 2020

Keynote Speech: Dr. Jane Fountain

- The Moon, the Ghetto and Artificial Intelligence: Enacting Digital Government

Social Media and Government (Chairs: Drs. Andrea Kavanaugh, Rodrigo Sandoval-Almazan, and Ignacio Criado)
- Sardar Ilyas, Zainab Soomro, Ahmed Anwar, Hamza Shahzad and Ussama Yaqub. *Analyzing Brexit's Impact Using Sentiment Analysis and Topic Modeling on Twitter Discussion*
- Catherine Dumas. *Electronic Petitioning as Online Collective Action: Exploring the Systematic and Strategic E-petitioning Behavior of an Extremist Group in We the People*
- Banghui Zhang, Yonghan Zhu and Guitao Kou. *E-government use via social media as a tool to influences young people's trust in government: An empirical study in a Chinese Municipality*

Smart Cities: Intelligent Innovation and Transformation (Chairs: Drs. Leonidas Anthopoulos, Wookjoon Sung, Soon Ae Chun)
- Vasja Roblek and Maja Meško. *Smart City Knowledge Management: Holistic Review and the Analysis of the Urban Knowledge Management*
- Djoko Sigit Sayogo, Sri Budi Cantika Yuli and Wi yono. *Determinants of Smart Library Readiness in Indonesia*
- Sabinne Lee and Kwangho Jung. *The Impact of Changing Public Service Delivery on Inappropriate Payment Error: From Analogue Paper Coupon to Digitalized Electronic Benefit Transfer System*

Beyond Bureaucracy: Democracy, Transparency, and Trust in the Era of Disruptive Innovation (Chairs: Drs. Alois Paulin, Adeyinka Adewale, Zach Bastick, Tobias Siebenlist, Christine Meschede)
- Alois Paulin. *An Overview of Ten Years of Liquid Democracy Research*
- Seok-Jin Eom, Jun Houng Kim and Hanchan Hwang. *E-petition and Citizen Engagement in Turbulence: A Case of E-petition on the Blue House Website in Korea*

Governance of Technologies and Data in Social Innovations (Chairs: Loni Hagen, Iryna Susha, Efthimios Tambouris)
- Sukumar Ganapati. *Blockchain Legislations in the U. S. State Governments*

Tutorial 2 (Chairs: Drs. Wookjoon Sung and Loni Hagen)
- Vijay Atluri, Yuan Hong and Soon Ae Chun. *Security, Privacy and Trust for Responsible Innovations and Governance*
  *Please note that this is a LIVE tutorial session, staring at 9 am EST. It will be recorded and the recorded version will be available on Discord after the session.

Poster 2 (Chair: Dr. Jisung Yoo)
- Ahmed Anwar and Ussama Yaqub. *Bot Detection in Twitter Landscape Using Unsupervised Learning*
- Teryn Cha. *Open Government Data for Machine Learning Tax Recommendation*
- Koomin Kim. *Legal Constraints or Aggregate Individual Characteristics? Examining Factors of State R&D Intensity and Spending in the U.S.: Dynamic Panel Data Analysis*

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- Boriana Rukanova, Suzanne Post, Yao Hua Tan, Jonathan Migeotte, Micha Slegt, Susana Wong and Juha Hintsa. *The Role of Public Funding in the Initiation and Upscaling of Collective Innovation Trajectories*

Panel 2 (Chairs: Drs. Kwangho Jung and Taewoo Nam)

- Kim Normann Andersen, Jungwoo Lee and B. Joon Kim. Smart Cities at a Cross Road? *How South Korea is Balancing Safety, Creativity, Innovation, Economic Growth, and Sustainability*

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June 17, 2020

Keynote Speech: Dr. Marijn Janssen

- Developments in Open government

Digital Government Society Members Meeting (Chair: Luis F. Luna-Reyes)

Organizational Factors, Adoption Issues and Digital Government Impacts (Chairs: Drs. Jing Zhang, Lei Zheng, Chris Hinnant)

- Beomgeun Cho and R. Karl Rethemeyer. *A Transnational Network for Public Sector Innovation-The Impact of a Global Digital Government Reform Network on Public Administration at the Domestic Level*
- Eduardo Cidres, André Vasconcelos and Filipe Leitão. *Cloud Calculator: A Cloud Assessment Tool for the Public Administration*
- Djoko Sigit Sayogo, J. Ramon Gil-Garcia and Sri Budi Cantika Yuli. *Determinants of Cross-boundary Information Sharing Success: Comparing Intra-agency, Inter-agency, and Cross-sectoral Collaboration Initiatives*

Data-driven Society: Balancing Prosperity and Security (Chairs: Drs. Hun-Yeong Kwon, Ki-Yeong Min, Michael Reiterer)

- Paul F. Langer. *The Formation of Social Credit Systems - Profiling, Reputation Scoring, Social Engineering*
- Renato Carauta Ribeiro and Edna Dias Canedo. *Using MCDA for Selecting Criteria of LGPD Compliant Personal Data Security*
- Artur Potiguara Carvalho, Fernanda Potiguara Carvalho, Edna Dias Canedo and Pedro Henrique Potiguara Carvalho. *Big Data, Anonymisation and Governance to Personal Data Protection*

Artificial Intelligence for Innovating Smart and Open Governments (Chairs: Drs. Sehl Mellouli, Adegboyega Ojo, Marijn Janssen)

- Helen K. Liu, Muhchyun Tang and Kuang-Hua Chen. *Public Decision Making: Artificial Intelligence or Crowds?*
- Thomas Vogl. *Artificial Intelligence and Organizational Memory in Government: The Experience of Record Duplication in the Child Welfare Sector in Canada*

Artificial Intelligence Challenges and Implications for Public Management and Policy (Chairs: Michael Ahn, Yu-Che Chen, Albert Meijer)

- David Valle-Cruz, J. Ramon Gil-Garcia and Vanessa Fernandez-Cortez. *Towards Smarter Public Budgeting? Understanding the Potential of Artificial Intelligence Techniques to Support Decision Making in Government*
- Michael Ahn and Yu-Che Chen. *Artificial Intelligence in Government: Potentials, Challenges, and the Future*

Workshop 1 (Chairs: Drs. Wookjoon Sung and Loni Hagen)

- Mariana Lameiras, Soumaya Ben Dhaou and Delfina Sá Soares. *Evidence-based research for Intelligent Governments: Lessons learned from the Justice system*

Poster 3 (Chair: Dr. Jisung Yoo)

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- Shokhrukh Avazov and Seohyun Lee. *E-Government Adoption in Uzbekistan: Empirical Validation of the Unified Model of Electronic Government Acceptance (UMEGA)*
- Valentyna Tsap, Silvia Lips and Dirk Draheim. *eID Public Acceptance in Estonia: Towards Understanding the Citizen*
- Evgeny Styrin and Kim Normann Andersen. *Public Services Redesign and Provision: Government Platform Approach*
- Aida Stelter, Constantin Kaping, Frederike Marie Oschinsky and Bjoern Niehaves. *Theoretical Foundations on Technology Acceptance and Usage in Public Administrations - Investigating Bounded Acceptance and Usage of New Technology by Employees*

Panel 3 (Chairs: Dr. Kwangho Jung and Taewoo Nam)

- Yu-Che Chen, Jooho Lee, Sukumar Ganapati, Michael Ahn and Chengyu Huang. *DG.O 2021: Digital Innovations for Public Values: Inclusive Collaboration and Community*

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June 18, 2020

Keynote Speech: Dr. Yelena Yesha
- Using Blockchain to Empower Digital Government
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Social Media and Government (Chairs: Drs. Andrea Kavanaugh, Rodrigo Sandoval-Almazan, and Ignacio Criado)
- Lukasz Porwol and Adegboyega Ojo. *VR-Participation & Dialogue: Towards Integrated Framework for Virtual Reality-Mediated Consensus and Community Building*
- Julián Villodre and J. Ignacio Criado. Analyzing social media institutionalization in public administration. The role of inhibitors in local governments
- Andrea Kavanaugh, Ziqian Song, Liuqing Li, Bethany Hsiao and Edward Fox. *Too Small to Fail: Information sharing behavior in US Municipal Elections*

Smart Cities: Intelligent Innovation and Transformation (Chairs: Drs. Leonidas Anthopoulos, Wookjoon Sung, Soon Ae Chun)
- Anthony Simonofski, Stefanie Van Den Storme and Hanne Meers. *Towards a Holistic Evaluation of Citizen Participation in Smart Cities*
- Sahng-Yoon Kim, Seung Jae Jeon and Hun Yeong Kwon. *Smart City, Net Neutrality, and Antitrust: Findings from Korea*
- Yannis Charalabidis, Euripidis Loukis, Charalampos Alexopoulos, Nikolaos Vogiatzis and Dimitrios Kolokotronis. *Convergence and Divergence Between Municipalities and Citizens about Smart City Actions' Priorities*
- Soon Ae Chun, Roshan Singh, Pamela Morgan, Nabil Adam and Vijay Atluri. *Visual Analytics for Global Migration Policy Discovery and NGO Collaboration*

Development and Measurement of Intelligent Government Index (Chairs: Choong-sik Chung, Dongwook Kim)
- Morten Meyerhoff Nielsen and Jeremy Millard. *Local Context, Global Benchmarks: Recommendations for An Adapted Approach Using the UN E-Government Development Index as An Example*
- Kim Normann Andersen, Jungwoo Lee, M Jae Moon and Tobias Mettler. *Ten Misunderstandings about Maturity Models*
- Wookjoon Sung, Kil Pyo Hong, Youngmin Cho and Hanbyul Choi. *Development of Intelligent Information Index Model for Local Government in Korea*

Workshop 2 (Chairs: Drs. Wookjoon Sung and Loni Hagen)
- Gael Van Weyenbergh and Alois Paulin. *Networked Governance: Enabling Multistakeholder Cooperation*

Poster 4 (Chair: Dr. Jisung Yoo)
- Mikhail Bundin and Aleksei Martynov. *Policy & Regulation Against Fake News: Case of Russia*
- Tung-Mou Yang and Yi-Jung Wu. *Assessing the Open Data Maturity of Government Agencies Having Different Years of Implementation Experience: A Study in Taiwan*
- Aida Darmenova, Zhanl Mamykova and Kim Normann Andersen. *Open Data Against All Odds: How Institutions Manage*

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- Yumeng Luo. *Government, Citizen, and Social Media: Understanding Police-Citizen Interaction on Weibo in China*

Panel 4 (Chairs: Dr. Kwangho Jung and Taewoo Nam)

- Michael Ahn, Yu-Che Chen, Seunghwan Myeong, Kihaing Cho, Younhee Kim and Chengyu Huang. *Toward Effective and Sustainable Smart City Model: Case Study Exploration of Varying Smart City Approaches and Outcomes*

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June 19, 2020

Keynote Speech: Dr. J. Ramon Gil-Garcia
- Revisiting the Smart State: Two Stories about Information Sharing and Smartness and a Few Reflections about the Future of Digital Government

Organizational Factors, Adoption Issues and Digital Government Impacts (Chairs: Drs. Jing Zhang, Lei Zheng, Chris Hinnant)
- Seunghwan Kim and Wookjoon Sung. *Can People with Disabilities Use the Mobile Internet if They Want to?*
- Luiz Pinheiro Junior, Maria Alexandra Cunha, Marijn Janssen and Ricardo Matheus. *Towards a Framework for Cloud Computing Use by Governments: Leaders, Followers and Laggers*

Data-driven Society: Balancing Prosperity and Security (Chairs: Hun-Yeong Kwon, Ki-Yeong Min, Michael Reiterer)
- Wendy van Donge, Nitesh Bharosa and Marijn Janssen. *Future Government Data Strategies: Data-driven Enterprise or Data Steward?: Exploring definitions and challenges for the government as data enterprise*
- Yenisel Gulatee, Mila Gasco and J. Ramon Gil-Garcia. *Understanding Willingness to Share Information among Citizens and Public Organizations: The Case of Emergency Preparedness and Response*

Innovation of Public Service Design and Delivery in an Era of Intelligent Government (Chairs: Kwangho Jung and Hyunsub Kum)
- Nitesh Bharosa, Koen Meijer and Haiko van der Voort. *Innovation in Public Service Design*
- Morten Meyerhoff Nielsen and Zoran Jordanoski. *Digital Transformation, Governance and Coordination Models: A Comparative Study of Australia, Denmark and the Republic of Korea*
- Alexander Ronzhyn, Maria A. Wimmer, Gabriela Viale Pereira and Charalampos Alexopoulos. *Gamification in Public Service Provisioning: Investigation of Research Needs*

Open Government Data – Maturity and Sustainability (Chairs: Tobias Siebenlist, Christine Meschede)
- Sounman Hong. *Electoral Competition and Transparency of Government Data*
- Arie Purwanto, Anneke Zuiderwijk and Marijn Janssen. *Citizens' Trust in Open Government Data: A Quantitative Study about the Effects of Data Quality, System Quality and Service Quality*

Workshop 3 (Chairs: Drs. Wookjoon Sung and Loni Hagen)
- Mariana Lameiras. *Discussing challenges and limitations of an experimental research design to test trust in local e-government*

Poster 5 (Chair: Dr. Jisung Yoo)
- Roshan Singh, Soon Ae Chun and Vijay Atluri. *Developing Machine Learning Models to Automate News Classification*
- Tung-Mou Yang and Meng-Chia Wu. *An Exploration of Factors Influencing Taiwan Government Agencies' Open Data Participation: A Multi-Group Analysis Perspective*
- Fernando Ortiz-Rodriguez, Ruben Barrera, Vicente Villanueva, José Melchor Medina and Anuar Gauna. *APPVISO: Citizen Digital Communication to Prevent Risk Events in Real Time*
- Brian M. Poltie, Emmanuel Udoh and Luis F. Luna-Reyes. *Understanding Smart City Projects*

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and Priorities across Large, Medium and Small Cities in the United States

Panel 5 (Chairs: Dr. Kwangho Jung and Taewoo Nam)

- Yannis Charalabidis and Zoi Lachana. *Towards a Science Base for Digital Governance*