

Preface

The international conference Digital Transformation and Global Society (DTGS) is an emerging academic forum in the interdisciplinary field of Internet studies. Held for the second time during June 21–23, 2017, in St. Petersburg, Russia, it brought together more than 80 scholars and experts to discuss the transformative impact of digital technologies on the way we communicate, work, and live. The event was hosted by the ITMO University and co-organized by the National Research University Higher School of Economics, both leading research institutions in Russia.

For DTGS 2017 we received 134 submissions, each of them was reviewed by at least three international Program Committee members. Overall, 38 papers were accepted, with the acceptance rate of 28%. We are happy to mention the increasing quality of papers and poster presentations, and the growing recognition of the conference in Russia and abroad.

The conference started with a plenary session and three insightful keynote reports. Daniel Alexandrov, Professor at the Higher School of Economics and DTGS 2017 co-chair, gave a talk on the interrelationship between the Internet and the modern social sciences. Dr. Ginaluca Demartini from the University of Sheffield and ACM distinguished scholar gave a presentation on the “Power of Big Data” and how data-driven applications transform our everyday life. The keynote lecture by Dr. Sergey Kovalchuk from ITMO University was devoted to the innovations that help to enhance public health decision-making with computational predictive models.

Two more keynote speeches were presented during the conference. Dr. King-wa Fu from the University of Hong Kong shared the results of his research on the Internet censorship in China and the ways to reveal its trends with automatic methods of data collection and analysis. Prof. Carlos Gershenson (National Autonomous University of Mexico) elaborated on the “Future of Urban Mobility” and digital transformations of urban life in the near future.

The conference proceeded with a poster session and panel session. The latter comprised the following DTGS 2017 tracks:

- eSociety: social informatics and cyber activism issues
- ePolity: politics, governance, and civic participation in cyberspace
- eCity: urban environment and Smart City
- eFinance and eEconomy: ICT-enabled finance, economy, and markets
- eHealth: eHealth technologies and their social effects

Based on the results of the Program Committee reviews, the conference chairs selected the following outstanding and best papers of DTGS 2017, one for each track:

- “Measuring Progress in E-Participation in Russia: The Results of a Multi-Method Case Study” by Lyudmila Vidasova and Yaroslava Tensina (ITMO University, Russia)

- “Developing Social Competence of Preschoolers in Digital Era: Gender Dimensions” by Yuliya Proekt, Alexandra Kosheleva, Voiletta Lugovaya and Valeriya Khoroshikh (Herzen State Pedagogical University, Russia)
- “GAND: Multi-Criteria Decision Analysis Method for Choice the Most Preferable Public Transport Network Designed Using Geospatial Data” by Danila Parygin, Alexey Golubev, Natalia Sadovnikova and Maxim Shcherbakov (Volgograd State Technical University, Russia)
- “Financial Markets Data Collection Using the Information Model of Interagency Cooperation and the International System of Codification of Financial Instruments” by Yuri Lipuntsov (Moscow State University), Richard Beatch and Inessa Collier (Bloomberg AP)
- “Content Sharing in Conflictual Ad-Hoc Twitter Discussions: National Patterns or Universal Trends?” by Svetlana S. Bodrunova, Anna S. Smoliarova, Ivan S. Blekanov (St. Petersburg State University, Russia) and Anna A. Litvinenko (Freie Universität Berlin, Germany)
- “Dynamically Integrating Electronic with Personal Health Records for Ad-hoc Health-Care Quality Improvements” by Aleksandr Kormiltsyn and Alex Norta (Tallinn University of Technology, Estonia)
- “Fashion Bloggers as Cultural Intermediaries: The Meaning of Brand Choices in Style Production” (the best poster) by Margarita Kuleva and Daria Maglevanaya (National Research University Higher School of Economics, Russia)

We express our gratitude to all those who contributed to the success of the event. We thank all the Program Committee members and reviewers, session chairs and authors, as well as the conference staff for their efforts to make DTGS 2017 possible and successful. We believe that DTGS will continue to grow and develop as an international scientific forum.

June 2017

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Digital Transformation and Global Society
Second International Conference, DTGS 2017, St.
Petersburg, Russia, June 21–23, 2017, Revised
Selected Papers

Alexandrov, D.A.; Boukhanovsky, A.V.; Chugunov, A.V.;
Kabanov, Y.; Koltsova, O. (Eds.)

2017, XIV, 476 p. 120 illus., Softcover

ISBN: 978-3-319-69783-3