


European Symposium Series on Societal Challenges in Computational Social Science

London 2017

November 15-17, 2017

The Alan Turing Institute
and British Library

The 1st European Symposium on
Societal Challenges in Computational Social Science:
Inequality and Imbalance
London, Nov 15th - 17th 2017

Symposium Series funded by
 VolkswagenStiftung

Workshop and Tutorial Day, Wednesday November 15th Venue: The Alan Turing Institute

8:30	Registration				
9:00 - 12:30	Workshop (full day) Quantitative Tools for Qualitative Analysis: Computational Social Science Meets Discourse Analysis Organized by Robin Tschötschel (University of Amsterdam), Thomas Jacobs (Ghent University), Julie M. Birkholz (Ghent University), Anton Törnberg (Gothenburg University) and Petter Törnberg (University of Amsterdam)	Tutorial (full day) Integrating Social Theory with Computational and Spatial Methods for Urban Data Science Organized by Bruno Gonçalves (New York University), Anastasios Noulas (New York University) and Rossano Schifanella (University of Turin)	Workshop Interpretability of Algorithmic Systems Organized by Adrian Weller (University of Cambridge & The Alan Turing Institute) and Tameem Adel (University of Cambridge)	Tutorial Charting Collections of Connections in Social Media: Creating Maps and Measures with NodeXL Organized by Marc A. Smith (Social Media Research Foundation)	
10:30 - 11:00 Coffee Break					
12:30 - 13:30	Lunch Break				
13:30 - 17:00	(Workshop cont.) Quantitative Tools for Qualitative Analysis: Computational Social Science Meets Discourse Analysis	(Tutorial cont.) Integrating Social Theory with Computational and Spatial Methods for Urban Data Science	Workshop Addressing Big Societal Challenges with Digital Behavioral Data Organized by Mathieu Génois (GESIS – Leibniz Institute for the Social Sciences), Katrin Weller (GESIS), Julian Kohne (GESIS), Claudia Wagner (GESIS & University of Koblenz-Landau) and Markus Strohmaier (GESIS & RWTH Aachen University)	Workshop Developing Intelligent Decision Support Systems: Societal Challenges and Technical Strategies Organized by Sharon Clancy (University of Nottingham), Claire Palmer (University of Nottingham) and Richard Hazledine (ConnectMore Solutions)	Tutorial Quantitative Text Analysis Using R Organized by Kenneth Benoit (London School of Economics) and Kohei Watanabe (London School of Economics)
14:00 - 17:00 Meet the Speakers*					
15:00 - 15:30 Coffee Break					
17:00	Reception				

* Three of our keynote speakers are available for counselling on the workshop and tutorial day. Symposium participants can book individual consulting slots of approx. 15-20 minutes with Eszter Hargittai, Kristina Lerman and Keith Payne to discuss ideas for their future work or planned projects. Please check out the website for details.

Symposium Series Organizers

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Symposium Day 1, Thursday November 16th Venue: The British Library, Knowledge Centre

8:30	Registration
8:45 - 9:00	Opening
9:00 - 10:00	Keynote: The "Majority Illusion" and Other Paradoxes of Social Perception Kristina Lerman, University of Southern California
10:00 - 10:30	Session 1: Algorithms Overcoming the Imbalance Between Tag Recommendation Approaches and Real-World Folksonomy Structures with Cognitive-Inspired Algorithms • Dominik Kowald and Elisabeth Lex Do Algorithmic Recommendations Favor Diversity in Music Consumption? Evidences from Log Data of a Streaming Service • Samuel Coavoux and Jean-Samuel Beuscart Online vs. Offline Inequalities: Examining Disableist Infrastructure via Open Data • Vanessa Thomas
10:30 - 11:00	Coffee Break & Poster Set-up
11:00 - 12:30	Session 2: Inequality in Networks and Social Media Homophily Explains Perception Biases in Social Networks • Eun Lee, Fariba Karimi, Hang-Hyun Jo, Markus Strohmaier and Claudia Wagner Are the Social Media Use Patterns Changing? Findings from Finland • Ilkka Koiranen and Pekka Räsänen A Community Based Model for Social Capital • Christopher Spratt and Jun Hong The Effect of Quality and Success Imbalance on User Engagement • Rossano Schifanello, Luca Maria Aiello and Miriam Redi Are Facebook Pages Missing at Random after a Social Movement? A two-year Panel Study on Social Media Activities of Hong Kong Facebook Pages after the 2014 Occupy Movement • Chung-Hong Chan and King-Wa Fu Inequality is Higher in Fixed Clustered Networks with Punishment Institutions • Milena Tsvetkova, Claudia Wagner and Andrew Mao (Don't) Mention the War: A Comparison of Wikipedia and Britannica Articles on National Histories • Anna Samoilenko, Florian Lemmerich, Maria Zens, Mohsen Jadidi, Mathieu Géniois and Markus Strohmaier
12:30-13:30	Lunch Break & Poster Session
13:30 - 14:30	Keynote: Inequality and Subjective Status: Why Economic Inequality is More than Economics Keith Payne, University of North Carolina
14:30 - 15:00	Session 3: Job Market Participative Epistemology in Social Data Science for Workforce Development • Gian Marco Campagnolo, Robin Williams, Symington Beatrice, Alberto Acerbi and Duncan Chapple Social Capital, Bounded Agency and Fuzzy Logic — Making Data Work in Real World Applications • Sharon Clancy and Claire Palmer Responsible Team Players Wanted: An Analysis of Soft Skill Requirements in Job Advertisements • Federica Calanca, Luiza Sayfullina, Eric Malmi and Aristides Gionis
15:00 - 15:30	Coffee Break & Poster Session
15:30 - 17:00	Session 4: Politics & Political Engagement Digital Discrimination: Political Bias in Internet Service Provision across Ethnic Groups • Nils Weidmann Talking the Talk? Representation of Minority Interests Through Speech and Social Media of Elected Officials • Michael Kowal Not All Bots Are Created Equal: Automated Sociality and the Spread of Political Information in the 2016 U.S. Presidential Elections • Olga Boichak, Sam Jackson, Jeff Hemsley and Sikana Tanupabrunsun Stratified and Defensive Democracy: Systematic Study of Israeli Planning Hearings • Talia Margalit and Adriana Kemp A Typology Classification of Exclusion and Marginalization in Data-driven Digital Societies • Mamello Thinyane Cooperation-driven Hierarchy is Interpreted as Good Reputation • Alberto Antonioni Corruption and Inequality in Public Contracting: Evidence from US Federal Contracts • Mihály Fazekas, Romain Ferrali and Johannes Wachs
17:00 - 17:15	Wrap up
18:30 - 20:30	Science Slam & Databeers, Location: City University London

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Symposium Day 2, Friday November 17th Venue: The British Library, Knowledge Centre

8:30	Registration
8:45 - 9:45	Keynote: The Voices of Many or Just a Few? Inequalities in Online Participation Eszter Hargittai, University of Zurich & Northwestern University
9:45 - 10:30	Session 5: Location-based Communities Ethnic Discussions in Russian-language Social Media: Representation of Ethnicities and Judgment Analysis • Olessia Koltsova, Sergei Koltsov, Sergey Nikolenko, Svetlana Alexeeva and Oleg Nagorny Temporal Profile Similarity Through Spatiotemporal Traces of Users in Location-based Networks • Krittika D'Silva, Anastasios Noulas, Mirco Musolesi, Cecilia Mascolo and Max Sklar Geo-social Capital as a Relational Measure to Map Inequality • Andreas Koch Cultural Investment and Urban Socio-economic Development: a Geosocial Network Approach • Xiao Zhou, Desislava Hristova, Anastasios Noulas, Cecilia Mascolo and Max Sklar
10:30 - 11:00	Coffee Break & Poster Set-up
11:00 - 12:30	Session 6: Gender Inequality Gender Disparities in Science? Dropout, Productivity, Collaborations and Success of Male and Female Computer Scientists • Mohsen Jadidi, Fariba Karimi, Haiko Lietz and Claudia Wagner Women on the Online Capital Market: What's in a Money Network? • Ágnes Horvát The Branching Pipeline: Understanding Gender Disparities Within and Across Fields • Andrei Cimpian, Anikó Hannák, Kenny Joseph and Daniel B. Larremore Girls Who Code: Gender Differences in Behavior and Outcome on Stack Overflow • Anna May, Johannes Wachs and Anikó Hannák Gender Inequalities in Political Participation: a Study of the 2017 UK General Elections on Twitter • Esther González Caicedo, Matteo Manca and David Laniado The Representation of Disadvantaged Groups in the Digital Sphere — TED Talks and Their Public Perception on YouTube • Carsten Schwemmer Qualities and Inequalities: Gender and Valuation in the Contemporary Art World • Taylor Brown
12:30-13:30	Lunch Break & Poster Session
13:30 - 14:30	Keynote: Bias in the Web Ricardo Baeza-Yates, NTENT, Pompeu Fabra University & University of Chile
14:30 - 15:00	Session 7: Demographics Computationally Inferred Genealogical Networks Uncover Long-term Trends in Assortative Mating • Eric Malmi and Aristides Gionis Predicting Demographics, Moral Foundations, and Human Values from Digital Behaviors • Kyriaki Kalimeri, Mariano Gastón Beiró, Robert Raleigh and Ciro Cattuto Divided We Stand: Mobile Culture and Digital Inequality in India • Madhu Madhu and Madhu Sharma
15:00 - 15:30	Coffee Break & Poster Session
15:30 - 17:00	Session 8: Economics & Social Exclusion Emerging Housing Wealth Inequality • Omar A. Guerrero The Role of Shopping Malls in Social Inequality • Mariano Gastón Beiró, Ciro Cattuto, Loreto Bravo, Diego Caro, Leo Ferres and Eduardo Graells-Garrid Emerging of Inequality in Financial Transactions Data • Marcella Tambuscio, Alfonso Semeraro, Silvia Ronchiadin and Giancarlo Ruffo Sharing Is Growing — But We Don't See It • Jan Lorenz Fair Sharing for Sharing Economy Platforms • Abhijnan Chakraborty, Asia J. Biega, Aniko Hannak and Krishna Gummadi Emerging Databased Democracies in China and India • Payal Arora Measuring and Mitigating New Forms of Digital Social Exclusion/ Inclusion • Robin Williams, Rob Procter, James Stewart, Gina Neff and Wifak Gueddana Urban Patterns and Citizen Participation: Geographical Data Analysis of Decidim Barcelona • Matteo Manca, Pablo Aragón and Antonio Calleja-López
17:00 - 17:30	Springer Best Presentation Award & Closing

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