

IC²S² 2019 Oral presentations

<https://2019.ic2s2.org>

Thursday - 18 July - Oral presentations 1 - Track A
Misinformation (Chair: TBD)
Jieyu Ding, Qiusi Sun and Jingwen Zhang Classifying and Understanding the Semantic Structures of Vaccine Misinformation on Twitter
Mahmoudreza Babaei, Juhi Kulshrestha, Abhijnan Chakraborty, Elissa M. Redmiles, Meeyoung Cha and Krishna Gummedi
Alexandre Bovet and Hernan Makse Dynamics and influence of misinformation and traditional fact-based news in Twitter
Ziv Epstein, Mohsen Mosleh, Antonio Arechar, Gordon Pennycook and David Rand Primed for accuracy: A cognitive approach to fighting misinformation on Twitter
Sunandan Chakraborty, Tarunima Prabhakar and Joyojeet Pal Dissecting Fake News: Understanding the Dynamics of False Information spread in India
Gustavo Jota Resende, Philippe Melo, Hugo Sousa, Johnnatan Messias, Marisa Vasconcelos, Jussara Almeida and Fabricio Benevenuto
Thursday - 18 July - Oral presentations 1 - Track B
Culture and art (Chair: TBD)
Kangsan Lee, Jaehyuk Park and Yong-Yeol Ahn Valuing Art: Professional vs. Algorithm
Milan Janosov, Federico Battiston, Gerardo Iñiguez and Federico Musciotto Success and mentorship in electronic music
Sophie Cho and Michael Mausekapp Unpacking the Ecological Dynamics of Cultural Products: Evidence from Popular Music
Bernard Koch, Daniele Silvestro and Jacob G. Foster The Birth and Death of Cultural Things: Explaining Cultural Change Through Bayesian Analysis of Diversification
Susumu Nagayama and Hitoshi Mitsuhashi Expandable and Extendable Root Concepts
Ramona Roller and Frank Schweitzer Network regression reveals factors driving the letter communication of 16th century reformators
Thursday - 18 July - Oral presentations 1 - Track C
Science studies (Chair: TBD)
Chao Min, Yi Bu, Jianjun Sun and Ying Ding Is scientific novelty reflected in citation patterns?
Frank van der Wouden, Gianluca Carnabuci and Hyejin Youn What lies in the "adjacent possible"? Why some knowledge combinations are more likely to drive innovation than
George Richardson and Juan Mateos-Garcia Detecting Innovation Through Combination
Milad Abbasiharofteh and Tom Broekel Still in the Shadow of the Wall: the Case of the Berlin Biotech Sector
Benjamin Meindl, Morgan R. Frank and Joana Mendonça Patents as a proxy for technological impact on the future of work
Jacob Miller, David Gefen, Kai Larsen and Vadake Narayanan Many People Are Saying: Technology Design Battles in Smartphone Discourse
Thursday - 18 July - Oral presentations 1 - Track D
Inequality and segregation (Chair: TBD)
Eszter Bokanyi and Aniko Hannak Simulating income distribution inequalities in ride-sharing services

Tarik Roukny, Benjamin Vandermarliere, Milan van den Heuvel and Koen Schoors The wealth origins of income mobility
Yannick Léo, Eric Fleury, Carlos Sarraute and Márton Karsai Socioeconomic inequalities and their consequences on network formation and purchase behaviour
Jaime Oliver, Marta Rivera-Alba, Diego Pérez, Antonio Molins, Edgar Morales Ramírez and Ricardo Buera Corchón Elasticity divergence across socioeconomic levels: evidence from Mexico
Judith Kas, Rense Corten and Arnout van de Rijt Digital discrimination – the role of reputation systems
Marc Keuschnigg Urban Scaling and the Need of Microdata to Understand "Social Laws"
Thursday - 18 July - Oral presentations 1 - Track E
Cooperation (Chair: TBD)
Joris Broere, Vincent Buskens, Henk Stoof and Angel Sánchez Network effects on coordination in asymmetric games
Pradip Swarnakar and Satyam Mukherjee Dynamics of collaboration: A social network analysis of non-state actors in United Nations climate change side-
Hendrik Nunner, Chris Janssen and Wojtek Przepiorka The role of reinforcement learning in the emergence of conventions: Simulation experiments with the volunteer's
Yan Leng, Xiaowen Dong and Alex Pentland Learning Network Structure in Linear Quadratic Games
Daniele Guariso, Omar Guerrero and Ulrich Matter Uncovering Hidden Cooperation in the UNGA
Thursday - 18 July - Oral presentations 1 - Track F
Social influence (Chair: TBD)
Yuan Tian, Yang Yang, Adam Pah and Brian Uzzi Making the Headline: Estimating the Effect of Media Attention on Terror Organizations
Joseph D. O'Brien, Ioannis K. Dassios and James P. Gleeson Spreading of Memes on Multiplex Networks
Manoel Horta Ribeiro, Kristina Gligoric and Robert West Message Distortion in Information Cascades
Chico Camargo and Scott Hale Null models for opinion dynamics
Chathika Gunaratne, Chathurani Senevirathna, Chathura Jayalath, Nisha Baral, William Rand and Ivan Garibay A Multi-Action Cascade Model of Conversation
Balazs Lengyel, Riccardo Di Clemente, János Kertész and Marta González The role of geography in the complex diffusion of innovations
Thursday - 18 July - Oral presentations 2 - Track A
Political behavior (Chair: TBD)
Ronald Robertson, Christo Wilson and David Lazer Fake News and Information Seeking during the 2018 U.S. Congressional Elections
Lorien Jasny, Dana Fisher, Philip Leifeld and Tim Henrichsen Comparing Elite Attitudes on Climate Change from Multiple Data Sources: Survey, Policy Documents, and Twitter
Stiene Praet, Peter Van Aelst and David Martens Predictive modeling on Facebook likes to gain insights in voter profiles in a multi-party system
Quinten Meertens, Arnout van Delden, Sander Scholtus and Frank Takes Bias Correction for Predicting Election Outcomes with Social Media Data
Emre Calisir and Marco Brambilla Analysis of On-line Debate on Long-Running Political Phenomena: the Case of the Brexit Referendum
Silvia Majo-Vazquez, Mariluz Congosto, Tom Nichols and Rasmus Nielsen The Role of Suspended Accounts in Political Discussion on Social Media: Analysis of the 2017 French, UK and

Thursday - 18 July - Oral presentations 2 - Track B
Science studies (Chair: TBD)
Federico Musciotto, Federico Battiston, Michael Szell and Roberta Sinatra Quantifying and modeling gender bias in scientific careers
Bedoor Alshebli, Talal Rahwan and Wei Lee Woon The Preeminence of Ethnic Diversity in Scientific Collaboration
Aliakbar Akbaritabar and Flaminio Squazzoni Quantitative sociology of academic work
Bedoor Alshebli, Kinga Makovi and Talal Rahwan Age Diversity Increases Scientific Impact
Jichao Li, Yian Yin, Santo Fortunato and Dashun Wang Nobel laureates in science revisited: Patterns of productivity, collaboration, and impact
Lu Liu, Yang Wang, Roberta Sinatra, C. Lee Giles, Chaoming Song and Dashun Wang Hot streaks in artistic, cultural and scientific careers
Thursday - 18 July - Oral presentations 2 - Track C
Demography and health (Chair: TBD)
Zijian Wang, Scott Hale, David Adelani, Przemyslaw Grabowicz, Timo Hartmann, Fabian Flöck and David Jurgens Demographic Inference and Representative Population Estimates from Multilingual Social Media Data
Thomas Baudin and Robert Stelter The Rural Exodus and the Rise of Europe
Daniel Ciganda and Nicolas Todd Micro-level Dynamics Behind the Recuperation of Fertility at Higher Development Levels: A Computational
Ravi Bhavnani, Karsten Donnay and Mirko Reul Modeling the Subnational Risk of Acute Malnutrition in Conflict-Affected Settings
Abigail Horn, Hanno Friedrich and Kayla de la Haye Integrating human mobility data and network models of the food supply to trace foodborne disease outbreak
Dmitry Zinoviev, Gary Fireman and Spencer Hommel Exploring the History of Mental Stigma
Thursday - 18 July - Oral presentations 2 - Track D
Cognition (Chair: TBD)
Mohsen Mosleh, Gordon Pennycook and David Rand Digital Fingerprints of Cognitive Reflection
Douglas Guilbeault, Andrea Baronchelli and Damon Centola The Network Dynamics of Category Formation
Ming Yin and Duncan Watts Human Complex Problem Solving: The Case of Constraint Satisfaction Optimization Problems
Marco De Nadai, Angelo Cardoso, Antonio Lima, Bruno Lepri and Nuria Oliver Apps, Places and People: strategies, limitations and trade-offs in the physical and digital worlds
Alexandra Olteanu, Fernando Diaz, Gabriella Kazai, Luke Stark and Mohamed Musbah What Makes Automated Suggestions Problematic? A Broader Viewpoint
Maria Bolsinova, Matthieu Brinkhuis, Abe Hofman, Han van der Maas and Gunter Maris Urning: a rating system
Thursday - 18 July - Oral presentations 2 - Track E
Policy (Chair: TBD)
Emil Bargmann Madsen and Mathias Wullum Nielsen How Policy Trickles Down: Strategic Priorities and Topic Changes of Funded Researchers
Sanja Hajdinjak, Marcella Morris and Tyler Amos Migration Policy Framing in Elite Discourse - Evidence from Canada and the US
Anna Shirokanova and Olga Silyutina Shifts and Continuities in the Discourse on Internet Regulation in Russia

Monica Andini, Michela Boldrini, Emanuele Ciani, Guido de Blasio, Alessio D'Ignazio and Andrea Paladini Machine Learning in the Service of Policy Targeting: the Case of Public Credit Guarantees
Johannes Wachs, Taha Yasseri, Balazs Lengyel and Janos Kertesz Community Social Structure and Corruption
Isak Ladegaard Open Secrecy: How Shocks and Creative Problem-Solving Brought Illegal Markets out of the Shadow
Thursday - 18 July - Oral presentations 2 - Track F
Social media (Chair: TBD)
Anna Di Natale and David Garcia Subcritical Social Impact and Sentiment in Twitter
Kiran Garimella and Robert West Analyzing and Modeling Individual Impact on Social Media
Kristina Gligoric, Ashton Anderson and Robert West Effects of Conciseness in Social Media
Felix Victor Münch, Ben Thies, Cornelius Puschmann and Axel Bruns Mining Influencers in the German Twittersphere
Jan Overgoor, Bogdan State and Lada Adamic The structure of U.S. college networks on Facebook
Alexander Robertson, Walid Magdy and Sharon Goldwater Emoji and Identity: Understanding Referential Aspects of Skin-toned Emoji on Social Media
Friday - 19 July - Oral presentations 3 - Track A
Protests and violence (Chair: TBD)
Marianne Sarkis and Laurie Ross Social Network Analysis and Smart Policing: Ethical Implications and Risks on Youth Violence Prevention Programs
Jisun An, Gianmarco De Francisci Morales, Haewoon Kwak and Yelena Mejova Modeling Gun Culture in United States: Demographics, Networks, Ideologies
Adam Pah, John Hagan and Luis Amaral Findings of systematic mass shooting imitation in American schools are an aggregation and data artifact
Johannes Gruber Troublemakers in the streets? A framing analysis of newspaper coverage of protests in the UK 1992-2016
Erdem Yörük, Ali Hürriyetoğlu, Çağrı Yoltar and Fırat Duruşan Validity and Generalizability in Automated Protest Information Collection
Patrick Park and Jose Uribe The Role of Social Movement Organizations in the Age of #MeToo
Friday - 19 July - Oral presentations 3 - Track B
Replicability (Chair: TBD)
Amit Sharma, Jake Hofman and Duncan Watts Replication and reliability in computational social science
Youyou Wu, Yang Yang and Brian Uzzi A Machine and Human Intelligence Approach to the Replication Problem in Science
Forough Poursabzi-Sangdeh, Dan Goldstein, Jake Hofman, Jennifer Wortman Vaughan and Hanna Wallach Manipulating and Measuring Model Interpretability
Jake Hofman, Dan Goldstein and Jessica Hullman The effect of (not) presenting effect sizes: How the standard way of presenting scientific results leads to
Chung-Hong Chan, Loretta Auvil, Joseph Bajjalieh, Scott Althaus and Hartmut Wessler Using 'off-the-shelf' sentiment dictionaries without revalidation: a p-hacking experiment
Nitin Bhushan, Laura Bringmann, Casper Albers and Linda Steg Comparing constraint-based causal discovery algorithms: simulation and application to environmental psychology

Friday - 19 July - Oral presentations 3 - Track C
Agent-based models (Chair: TBD)
Ching Jin, Chaoming Song, Johannes Bjelland, Geoffrey Canright and Dashun Wang Emergence of Scaling in Complex Substitutive Systems
Yohsuke Murase, Janos Török, Hang-Hyun Jo, Kimmo Kaski and Janos Kertesz Agent Based Modeling of the Network of Social Interactions
Alexandru-Ionut Babeanu, Jorinde van de Vis and Diego Garlaschelli When cultural dynamics meets the real world: the reduced relevance of social influence simulations
Ivan Garibay, Madeline Schiappa, Georgios C. Anagnostopoulos, Christina Bouwens, Steve Fiore, Heather Keathley, Alexander Mantzaris, John T. Murphy, William Rand, Anastasia Salter, Mel Stanfill, Gita Sukthankar, Nisha Baral, Anamaria Berea, Chathika Gunaratne , Neda B. Hajiakhoond , Gabriel Fair , Jasser Jasser, Chathura Jayalath, Ece Mutlu, Oliva Newton, Amirarsalan Rajabi, Samaneh Saadat, Steve R. Scheinert, Chathurani Senevirathna, Rachel Winter, Xi Zhang
Qiusi Sun and Martin Hilbert A Computational Mechanics Approach to Trolling and its Contagion
Dirk Van Rooy Co-designing policy relevant ABMs
Friday - 19 July - Oral presentations 3 - Track D
Text analysis (Chair: TBD)
Dimitrios Milioris Document Clustering via Joint Complexity
Lisette Espín-Noboa, Florian Lemmerich, Simon Walk, Markus Strohmaier and Mark Musen HopRank: How Semantic Structure Influences Teleportation in PageRank
Marc-Etienne Brunet, Ashton Anderson and Richard Zemel Investigating the Composition of Documents Affecting Bias in Word Embeddings
Philippa Shoemark, Farhana Ferdousi Liza, Scott Hale, Dong Nguyen and Barbara McGillivray Systematic Comparison of Semantic Change Detection Approaches with Word Embeddings
Zoltán Kmetty, Júlia Koltai and Tamás Rudas The presence of social structure in online texts based on word embedding NLP models
David Rozado Using word embeddings to analyze how universities conceptualize the term “diversity” in their online institutional
Friday - 19 July - Oral presentations 3 - Track E
Labor markets (Chair: TBD)
Lukas Fervers, Janina Beckmann, Joachim Piepenburg and Marita Jacob Pull out all the stops: Combining survey and field experiment with machine learning methods to analyse the role of risk aversion for occupational choice.
Takanori Nishida and Yoshiki Ishikawa Dynamic Network Signatures of Job Change: Evidence from a Large Business Social Network
Esteban Moro, Morgan Frank, Alex Rutherford, Manuel Cebrian and Iyad Rahwan Universal resilience of labor markets
Kerstin Jahn State dependence of individual employment precarity during the labor market entry of young people in Germany
Hee Youn Kwon, Lijun Sun, Morgan Frank, Hyejin Youn, Cesar Hidalgo and Iyad Rahwan Industrial Topics in Urban Labor System
Morgan Frank, Esteban Moro, Alex Rutherford and Iyad Rahwan The hidden constraints on worker mobility: how workplace skills determine a worker’s next move
Friday - 19 July - Oral presentations 3 - Track F
Social influence (Chair: TBD)
Christos Nicolaidis and Dean Eckles Social Influence and Habits in Exercise: A Field Experiment
William Cai and Johan Ugander Experience-Driven Peer Effects: Evidence from a Large Scale Natural Experiment

Abhishek Samantray and Massimo Riccaboni Peer influence of production and consumption behaviour in an online social network of collective learning
Yan Leng, Tara Sowrirajan and Alex Pentland Measuring heterogeneous social influence within and across homophilous communities
Johan Koskinen and Galina Daraganova Bayesian Analysis of Social Influence
Marcin Waniek, César Hidalgo and Aamena Alshamsi Diffusion of innovation across communities
Friday - 19 July - Oral presentations 4 - Track A
News and collective attention (Chair: TBD)
Philipp Lorenz-Spreen, Bjarke Mørch Mønsted, Philipp Hövel and Sune Lehmann The acceleration of collective attention
Cristian Candia Vallejos, Cristian Jara Figueroa, Carlos Rodriguez Sickert, Albert Laszlo Barabasi and Cesar Hidalgo
Rebekah Tromble and Dong Nguyen A New Dataset for Evaluating the Quality of Online News
Charles Howland, Duncan Watts, David Rothschild, Marcel Wittich, Jennifer Allen, Melissa Ellamil and Markus Mobius
Subhayan Mukerjee Networked News Reading Publics: Using Networks to Understand News Consumption in India
Fan Liang Who Tweets about Authoritarian Politics? Political Discussion and Online Bots during China's 19th National
Friday - 19 July - Oral presentations 4 - Track B
Gender (Chair: TBD)
Stefan Wojcik and Shawna Mullenax Looks Can Be Confirming: The Effects of Gendered Candidate Appearance on Vote Choice
Yang Yang, Nitesh Chawla and Brian Uzzi A network's gender composition and communication pattern predict women's leadership success
Anna May, Aniko Hannak and Gabor Bekes Dissecting the Gender Gap in Entrepreneurial Ambitions and Success
Peter Barbrook-Johnson, Andrew King and Sait Bayrakdar An agent-based model of LGBTQI workplace inequality
Ridhi Kashyap, Florianne Verkroost, Reham Al Tamime, Masoomali Fatehkia and Ingmar Weber Measuring global gender inequality indicators with large-scale online advertising data
Pasquale De Meo, Iacopo Pozzana, Ylli Prifti and Alessandro Provetti The dynamics of recommendation in high-trust personal care services
Friday - 19 July - Oral presentations 4 - Track C
Migration (Chair: TBD)
Theresa Gessler, Johannes Wachs and Gergő Tóth No country for asylum seekers? How short-term exposure to refugees influences attitudes and voting behavior in
Jaehyuk Park, Ian Wood, Yizhi Jing, Azadeh Nematzadeh, Souvik Ghosh, Michael Conover and Yong-Yeol Ahn Global labor flow network reveals the hierarchical organization and dynamics of geo-industrial clusters in the world
Laszlo Lorincz and Brigitta Németh Network effects in internal migration
Elizabeth Dekeyser Local governments and Native Attitudes Toward Immigration
Yerka Freire-Vidal and Eduardo Graells-Garrido Characterization of Local Attitudes Toward Immigration Using Social Media
Jens Hainmueller, Avidit Acharya and Kirk Bansak Matching Refugees to Host Country Locations Based on Preferences and Outcomes

Friday - 19 July - Oral presentations 4 - Track D
Privacy and discrimination (Chair: TBD)
Alejandro Noriega Campero, Michiel Bakker, Bernardo Garcia Bulle and Alex Pentland Active Fairness in Algorithmic Decision-Making
Lisa Merten, Nadia Metoui, Mykola Makhortykh, Damian Trilling and Judith Moeller News won't find me? Exploring potential digital inequalities in social media news use
Daniele Romanini, Sune Lehmann Jørgensen and Mikko Kivelä Privacy and Anonymization of Neighborhoods in Social Networks
Marcin Waniek, Kai Zhou, Yevgeniy Vorobeychik, Esteban Moro, Tomasz P. Michalak and Talal Rahwan Individuals Can Hide Their Own Relationships from Link Prediction Algorithms
Henry Smart Iii Operationalizing a Conceptual Model of Colorism in Local Policing
Alfredo Morales, Xiaowen Dong, Yaneer Bar-Yam and Alex Pentland Mapping Segregation in Urban Areas
Friday - 19 July - Oral presentations 4 - Track E
Network analysis (Chair: TBD)
Telmo Menezes and Camille Roth Families of Generative Processes for Social Networks
George Vega Yon and Kayla de La Haye Exact Statistics and Semiparametric Tests for Small Network Data
Vincent Antonio Traag, Ludo Waltman and Nees Jan Van Eck From Louvain to Leiden: guaranteeing well-connected communities
Edwin de Jonge and Jan van de Laan Overlap in a large and real co-worker, family and neighbor network
Luca Maria Aiello, Sebastian Deri, Jérémie Rappaz and Daniele Quercia The Human Perception of Social Relationships
Davide Vega and Matteo Magnani Temporal text networks: foundations and applications
Friday - 19 July - Oral presentations 4 - Track F
Social media and online collaboration (Chair: TBD)
Lushi Chen Chen, Walid Magdy and Maria Wolters Online Community Engagement when Talking About Infidelity: The Case of Reddit
Isaac Waller and Ashton Anderson Identifying the Cultural Geometry of Online Communities
Daniel Larremore, Swapnil Gavade and Elizabeth Bruch Structured Hierarchy in Online Dating Networks: 20,000 Leagues Under the City
Martin Hilbert and David Darmon Dumb and Predictable Bots Make Largescale Communication More Complex and Unpredictable
Nikolas Zöllner, Jonathan Morgan and Tobias Schröder Group interaction on Github: a typology
Florian Lemmerich, Diego Saez-Trumper, Robert West and Leila Zia Why the World reads Wikipedia
Saturday - 20 July - Oral presentations 5 - Track A
Polarization (Chair: TBD)
Subhayan Mukerjee, Kokil Jaidka and Yphtach Lelkes Echo Chambers and Affective Polarization: A Twitter Field Experiment
Pei Zhou, Yupeng Gu, Mason A. Porter and Yizhou Sun Automated Detection of Politically-Polarized Words in Online Discussions

David Schoch Analyzing Political Engagement on Reddit: From left vs. far-left to left vs. far-right
Uma Maheswari Gollapudi, Rahul Arulkumaran, Manikumar Perla, Sai Hitesh Jonnalagadda, Dr. Amitava Das and Sunny Rai
Marco Schmitt, Alina Vogelgesang, Stella Neumann, Oliver Hohlfeldt, Jennifer Fest and Helge Reelfs Discerning context from the temporal analysis of polarized online networks – The Case of Twitter on #chemnitz
Subhayan Mukerjee and Tian Yang A Conjoint Experimental Study on the Effects of Social Media Cues on Selective Exposure
Saturday - 20 July - Oral presentations 5 - Track B
Science studies (Chair: TBD)
Ivan Smirnov When magic outperforms horoscopes: predicting students' academic performance from their short texts on social
Cristian Candia Vallejos, Sara Encanação and Flavio Pinheiro The Higher Education Space, Connecting Degree Programs from Individuals' Choices
Alejandro Espinosa-Rada Micro-explanations for multilevel scientific networks: A stochastic actor-oriented model in a scientific discipline
Ching Jin, Binglu Wang, Chaoming Song, Johannes Bjelland, Geoffrey Canright, Brian Uzzi and Dashun Wang Preferential Abandonment induces Structural Collapse in Robust Networks: Evidence from Scientific Fields and
Yian Yin, Yang Wang, James Evans and Dashun Wang Quantifying Dynamics of Failures across Science, Startups, and Security
Vincent Antonio Traag and Ludo Waltman Persistence of journal hierarchy in open access publishing
Saturday - 20 July - Oral presentations 5 - Track C
Gender (Chair: TBD)
Anna May, Johannes Wachs and Aniko Hannak Gender Differences in Participation and Reward on Stack Overflow
Muyang Li and Zhifan Luo Can New Media Become the 'New Equalizer'? Evaluate Social Media's Impact on Gender Stereotype in China
Alina Arseniev-Koehler Gender Equal or Gender Neutral? Gender Connotations in Gender Fair Language
Petter Törnberg Gender advertising on Instagram: Studying gender performance through Big Data photographs
Adam Hughes, Onyi Lam and Stefan Wojcik Auditing Gender Bias in Image Search Algorithms
Pasquale De Meo, Iacopo Pozzana, Ylli Prifti and Alessandro Provetti Finding gender bias in web-based, high-trust interactions
Saturday - 20 July - Oral presentations 5 - Track D
Cooperation and inequality (Chair: TBD)
Milena Tsvetkova, Oana Vuculescu and Claudia Wagner The Effect of Visibility of Endowment Heterogeneity and Wealth on Inequality
Yuan Yuan, Dean Eckles and Alex Pentland Does Prosocial Contagion Increase Inequality? A Large-Scale Online Field Experiment
Fabrizio Germano, Gomez Vicenç and Gael Le Mens The few-get-richer: a surprising consequence of popularity-based rankings
Sandro Lera, Nate Dwyer and Alex Pentland Fair, Stable Exchange Networks through Quenched Merchant Location and Idiosyncratic Trading Costs
Andreia Sofia Teixeira, Francisco C. Santos, Alexandre P Francisco and Fernando P. Santos For a fair world, which nodes should have the last word in multiplayer ultimatum bargaining?

Saturday - 20 July - Oral presentations 5 - Track E**Organizations (Chair: TBD)**

Abdullah Almaatouq, Ming Yin and Duncan Watts

Optimal Team Construction for a Complex Task

Jeremy Burke, Ramon Gras, Oren Lederman, Sandy Pentland and Fiona Murray

Impact of Architectural Space Typologies and Human Interaction Patterns on the Performance of Startup Teams operating in Entrepreneurship Incubator Centers: The Case of MIT DeltaV Program at the MIT Martin Trust Center

Abigail Jacobs and Duncan Watts

When does network structure matter? A comparative study of informal network structure in firms

Andrea Cavicchini

The external influences on organizational culture: CEO awards and biased perceptions of organizational culture

Charlie Joyez

Alignment of Multinational Firms along Global Value Chains: A network-based perspective

Kyriacos Vitalis, Christos Nicolaides, George Pallis, Dimosthenis Stefanidis and Nicos Nicolaou

The role of online social networking on founders' economic success

Saturday - 20 July - Oral presentations 5 - Track F**Emotions (Chair: TBD)**

Adina Nerghes and Ju-Sung Lee

A socio-semantic study of positions and perspectives on the European refugee crisis in Twitter

Aleksandra Nenko and Marina Petrova

Emotional Network of the City Public Space: a Framework for Research and Evidence based on PPGIS Data

Gloria Gennaro, Ash Elliott and Peter Loewen

Understanding Emotional Language in Political Speech

Nina Savela, David Garcia, Max Pellert and Atte Oksanen

The influence of social context and terminology on emotions expressed in robot-related social media conversations

Marijn ten Thij, Johan Bollen and Luis M. Rocha

Detecting eigenmoods in individual human emotions.

David Garcia and Bernard Rimé

Collective Emotions and Social Resilience in the Digital Traces After a Terrorist Attack

Saturday - 20 July - Oral presentations 6 - Track A**Polarization (Chair: TBD)**

Flavio Pinheiro, Vítor V. Vasconcelos and Simon A. Levin

From Consensus to Polarization of Opinions in Complex Contagion

Simon Schweighofer, Frank Schweitzer and David Garcia

A Balance Model of Opinion Hyperpolarization

Fredrik Jansson, Pontus Strimling, Irina Vartanova and Kimmo Eriksson

Moral Foundations and Opinion Change

Akira Ishii and Yasuko Kawahata

New opinion dynamics theory considering trust and distrust in human relations and mass media effects

Samin Aref and Zachary Neal

Analyzing the impact of polarization and bipartisanship on legislative effectiveness through balance and partitioning

Joseph Bak-Coleman, Joanna Sterling, Chris Tokita, Daniel Rubenstein and Iain Couzin

Collective Wisdom on Politically Polarized Social Networks

Saturday - 20 July - Oral presentations 6 - Track B**Science studies (Chair: TBD)**

Riccardo Gallotti and Manlio De Domenico

Collective effects of individual decisions – the case of the Nobel Prize

Ching Jin, Yifang Ma and Brian Uzzi

The Midas Touch: Quantifying the Impact of Awards on Scientific Developments

Ali Faqeeh, Filippo Radicchi and James Gleeson Which cited papers are more important to a manuscript? Analysis of citation patterns in open access manuscripts
Lovro Šubelj, Ludo Waltman, Vincent Antonio Traag and Nees Jan Van Eck Intermediacy of publications
Shubhanshu Mishra, Brent D. Fegley, Jana Diesner and Vette I. Torvik Self-citation is the hallmark of productive authors, of any gender
Vincent Antonio Traag Modelling the causal effect of journal impact on citation dynamics
Saturday - 20 July - Oral presentations 6 - Track C
Geography and mobility (Chair: TBD)
Chico Camargo, Jonathan Bright and Scott Hale Diagnosing the Performance of Human Mobility Models Using Volunteered Geographic Information
Christa Brelsford, Rudy Arthur and Hywel Williams Regional Delineation from Twitter
Bandana Kar, Edwin Choq, Nathaniel Dede-Bamfo and Xiaohui Liu Using Social Media to Geo-Target Emergency Management Efforts
Andrea Ballatore, Alexandra Pang, Iacopo Pozzana, Ylli Prifti and Alessandro Provetti Geo-referencing as a connector between user reviews and urban environment quality
Yifan Qian, Luca Verginer, Massimo Riccaboni and Pietro Panzarasa Measuring the Social Diversity of Cities in Mobility and Scientific Collaboration Networks
Francesco Rampazzo, Katherine Hoffmann Pham and Leah Rosenzweig Is there an audience? The usefulness of Facebook advertising data for demographic and mobility estimates in
Saturday - 20 July - Oral presentations 6 - Track D
Wisdom of the crowd (Chair: TBD)
Arnout van de Rijt and Vincenz Frey Social Influence Undermines the Wisdom of the Crowd in Sequential Decision-Making
Joshua Becker, Douglas Guilbeault and Ned Smith The Crowd Classification Problem
Jesse Shore, Alice Jang and Ethan Bernstein Social network centralization and collective intelligence: a randomized experiment
Kirill Martynov, Kiran Garimella and Robert West Crowdsourced Estimation of Human Height and Weight
Niccolo Pescetelli, Alex Rutherford and Iyad Rahwan Divide and Forecast: When is Diversity Good for Collective Intelligence?
Gian Maria Campedelli On Terrorism Memory and Predictability via Graph-Derived Multivariate Time Series: Integrating Meta-Networks
Saturday - 20 July - Oral presentations 6 - Track E
Data collection (Chair: TBD)
Gabriela Molina León, Hendrik Heuer and Andreas Breiter Co-creation in Computational Social Science: Lessons learned
George Lifchits, Ashton Anderson, Jake Hofman, Daniel Goldstein and Duncan Watts The Importance of Studying Failures When Predicting Success
Jakob Jünger A brief history of APIs. How do social media providers shape the opportunities and limitations of online research?
Aleksandra Urman, Clara Christner, Silke Adam and Michaela Maier Online tracking tools for research purposes: A critical review of existing approaches
Sicheng Dai, Márton Karsai, H�el�ene Bouchet, Eric Fleury, Jean-Pierre Chevrot and Aurelie Nardy Interaction reconstruction methods for large-scale RFID social experiments
Justin Chun-Ting Ho A Bootstrapping Approach to Assessing the Bias of Facebook's Graph API

Saturday - 20 July - Oral presentations 6 - Track F

Finance (Chair: TBD)

Eelke Heemskerk, Dafne van Kuppevelt and Frank Takes
Community Structure Dynamics as Early Warning Signals for Corporate Elite (Dis)Integration

Takayuki Mizuno and Mitsuhiro Odaka
Indirect dominance detection on a global shareholding network

Dieter Wang
Extracting mutual fund manager tastes using collaborative filtering methods

Javier Garcia-Bernardo
The role of offshore financial centers in profit shifting and tax avoidance

Simone Centellegher, Giovanna Miritello, Daniel Villatoro, Devyani Parameshwar, Bruno Lepri and Nuria Oliver
Understanding and predicting Mobile Money adoption and use

Chaturani Senevirathna, Chathika Gunaratne, Chathura Jayalath, Ivan Garibay and Nisha Baral
Evidence of Influence Hierarchies in GitHub's Cryptocurrency Community