

IC²S²



2022 International Conference on Computational Social Science

19 July – 22 July 2022 | #IC2S2 | ic2s2.org

PROGRAM

as of 6 July 2022

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AGENDA

Tuesday 19 July | Datathon & Tutorials

START	END		LOCATION
8:00	5:00	Check In & Information Desk	Winter Garden
8:00	9:00	Continental Breakfast	Outside C25
9:00	5:00	Datathon	
9:00	10:30	Tutorial Session 1	
		T1: Emotion Recognition of Images and Videos using FER and DeepFace Python libraries	T1: C06
		T2: Analyze the Sentiment or Emotion Reflected in Newspapers	T2: C07
		T3: Machine learning with Pytorch for science of science and innovation	T3: C25
10:30	11:00	Break	
11:00	12:30	Tutorial Session 2	
		T3: Machine learning with Pytorch for science of science and innovation (Continued)	T3: C25
		T4: High Throughput Experimentation for Computational Social Science	T4: C07
12:30	1:30	Lunch	Outside C25
1:30	3:00	Tutorial Session 3	
		T5: Toward a quantitative understanding of failure	T5: C25
		T6: Web-Crawling: A practical introduction in Python	T6: C07
3:00	3:30	Break	
3:30	5:00	Tutorial Session 4	
		T5: Toward a quantitative understanding of failure (Continued)	
		T6: Web-Crawling: A practical introduction in Python (Continued)	T6: C07

Wednesday 20 July | General Session

START	END		LOCATION
8:00	5:00	Check In & Information Desk	
8:00	9:00	Continental Breakfast	Outside C25
8:00	12:00	Poster Set-Up	104
9:00	9:20	Welcoming Remarks	Winter Garden
9:20	9:45	Keynote: Audrey Tang	Winter Garden
9:45	10:30	Datathon Slam	Winter Garden
10:30	11:10	Keynote: Chris Bail	Winter Garden
11:10	11:40	Break	
11:40	12:20	Keynote: Rediet Abebe	Winter Garden
12:20	1:20	Lunch	Outside C25
1:20	2:20	Poster Session 1	104
2:30	4:00	Concurrent Panels 1 1A: Gender 1 1B: COVID19 1C: Economics 1D: Morals, Emotions, Tastes 1E: Misinformation	1A: C06 1B: C07 1C: C08 1D: C09 1E: C10
4:00	4:30	Break	
4:30	5:10	Keynote: Molly Roberts	Winter Garden
5:10	6:15	Conference Reception	Summer Garden

Thursday 21 July | General Session

START	END		LOCATION
8:00	5:00	Check In & Information Desk	
8:00	9:00	Continental Breakfast	Outside C25
9:00	9:40	Keynote: Cristian Danescu Niculescu Mizil	Winter Garden
9:40	10:20	Keynote: Tom Griffiths	Winter Garden
10:20	10:50	Break	
10:50	12:20	Concurrent Panels 2 2A: Gender 2 2B: Methods & Ethics 2C: Psychology 2D: Mobility 2E: Teams and Work	2A: C06 2B: C07 2C: C08 2D: C09 2E: C10
12:20	1:20	Lunch	Outside C25
12:30	1:30	Meeting of the International Society for Computational Social Science, led by President Duncan Watts	Winter Garden
1:00	2:00	Poster Session 2	104
2:00	3:30	Concurrent Panels 3 3A: Race 3B: Politics 3C: Text as Data 3D: Information 3E: Ties	3A: C06 3B: C07 3C: C08 3D: C09 3E: C10
3:30	4:00	Break	
4:00	4:40	Keynote: Iyad Rahwan	Winter Garden
4:40	5:20	Keynote: Lillian Lee	Winter Garden
5:20	6:00	Networking	Summer Garden

Friday 22 July | General Session

START	END		LOCATION
8:00	9:00	Continental Breakfast	Outside C25
8:00	12:00	Poster Session Take-Down	104
9:00	9:40	Keynote: Marta Gonzalez	Winter Garden
9:40	10:10	Break	
10:10	11:40	Concurrent Panels 4 4A: Inequality 4B: Polarization 4C: Networks 4D: Geography 4E: Science 4F: Social Media	4A: C06 4B: C07 4C: C08 4D: C09 4E: C10 4F: C25
11:40	1:00	Lunch	Outside C25
1:00	1:40	Keynote: Ted Underwood	Winter Garden
1:40	2:00	Best Paper & Poster Award	Winter Garden
2:00	2:30	Datathon Awards	Winter Garden
2:30	3:00	Closing remarks	Winter Garden

CONCURRENT PANELS

Concurrent Panels 1

1A: Gender 1

Room C06

Title	Authors
Cassatts in the Attic	Marlene Koffi and Matt Marx
Breaking the Glass Ceiling in Science: Gender Disparities among the Scientific Elite	Yulin Yu and Kristina Lerman
Gendered experiences of stress underlie large-scale retention patterns in academia	Katie Spoon, Nicholas LaBerge, Allison C. Morgan, Mirta Galesic, K. Hunter Wapman, Sam Zhang, Daniel B. Larremore and Aaron Clauset
First-mover advantage explains gender disparities in Physics citations	Hyunsik Kong, Samuel Martin-Gutierrez and Fariba Karimi
Gender Balance and the Innovativeness and Impact of Scientific Research Teams in Medicine	Yang Yang, Teresa Woodruff, Yuan Tian, Benjamin Jones and Brian Uzzi

1B: COVID19

Room C07

Title	Authors
Mobility network reveals the impact of spatial vaccination heterogeneity on COVID-19	Yuan Yuan, Eaman Jahani, Shengjia Zhao, Yong-Yeol Ahn and Alex Pentland
Long-term impacts of COVID-19 on urban income segregation	Takahiro Yabe, Bernardo García Bulle Bueno, Xiaowen Dong, Alex Pentland and Esteban Moro
Local context of anti-vaccination narratives – a case study from Hungary	Zoltán Kmetty, Panni Vancsó, Eszter Katona, Krisztián Boros and Júlia Koltai
Population-scale dietary interests during the COVID-19 pandemic	Kristina Gligorić, Arnaud Chiolero, Emre Kıcıman, Ryen White and Robert West
Rush Hour-and-a-Half: Are Rush Hours Spreading out Post-Pandemic?	Matthew Wigginton Bhagat-Conway and Sam Zhang
Neighborhood Resilience and Fragility to the COVID-19 Pandemic from a Mobility Network Perspective: The Case of New York City	Mohsen Bahrami, Hasan Alp Boz, Aaron Nichols, Nina Mazar, Selim Balcısoy, Burcin Bozkaya and Alex Pentland

1C: Economics

Room C08

Title	Authors
Higher-Order Innovation and New Venture Success	Likun Cao, Ziwen Chen and James Evans
Quantifying the Dynamics of NFTs with a Decentralized Autonomous Artist	Simon Hudon, Ziv Epstein, Mario Klingemann, Agustín Jamardo Chenlo and Alex Pentland
Endogenous Production Networks Emerging from Myopic Firms	Tuong Manh Vu and Omar A. Guerrero
Sense and Dissents: Trajectories of Deliberation at the FOMC	Michael Schultz
Reputation Burning: Analyzing the Impact of Brand Sponsorship on Social Influencers using Video Analytics	Mengjie Cheng and Shunyuan Zhang
Characterizing Alternative Monetization Strategies on YouTube	Yinqing Hua, Manoel Horta Ribeiro, Robert West, Thomas Ristenpart and Mor Naaman

1D: Morals, Emotions, Tastes

Room C09

Title	Authors
How Has Food Become a Moral Concern? A Case Study of Meat Alternatives on Twitter	Moena Hashimoto, Yotaro Takazawa and Kazutoshi Sasahara
What makes an asshole? Investigating moral judgment in context using Reddit's r/AmITheAsshole	Trisevgeni Papakonstantinou and Nichola Raihani
Competition between Fake and Mainstream News Publishers: Newsrooms, Viral News, and Emotional Language in Moral Markets	Bruce Kogut, Kriste Krstovski and Angela Ryu
Strategic Usage of Moral Appeals by Twitter Bots in the Context of COVID-19 Pandemic	Zening Duan, Yicheng Hu and Sijia Yang
Methods for the identification of emotional dynamics in the aftermath of large-scale upheavals: do digital footprints reveal a stage model?	Pablo Flores
Multi-modal Analysis of Perceptions of Novelty in Modern Popular Music	Katherine O'Toole and Agnes Horvat

1E: Misinformation

Room C10

Title	Authors
Fake news diffusion in geometrical attitudinal spaces	Pedro Ramaciotti Morales, Manon Berriche and Jean-Philippe Cointet
Characterizing the Spontaneous Debunking from Twitter Users to COVID-19 False Information	Kunihiro Miyazaki, Takayuki Uchiba, Jisun An, Haewoon Kwak and Kazutoshi Sasahara
Unpacking multimodal fact-checking: Features and engagement of fact-checking videos on Chinese TikTok (Douyin)	Yingdan Lu and Cuihua Shen
Crowding out the truth? A simple model of online misinformation, polarization and meaningful social interactions	Fabrizio Germano, Vicenç Gómez and Francesco Sobbrío
Matching Tweets with Fact-Checks Across Languages	Ashkan Kazemi, Zehua Li, Verónica Pérez-Rosas, Scott Hale and Rada Mihalcea
Lies and Presidential Debates: How Political Misinformation Spread Across Media Streams during the 2020 Election	Jaren Haber, Lisa Singh, Ceren Budak, Josh Pasek, Meena Balan, Ryan Callahan, Rob Churchill, Brandon Herren and Kornraphop Kawintiranon

Concurrent Panels 2

2A: Gender 2

Room C06

Title	Authors
Gender Differences in Scholarly Self-Promotion on Twitter	Hao Peng, Misha Teplitskiy, Daniel Romero and Agnes Horvat
Traces of editors impeding a fair and inclusive scientific publishing	Fengyuan Liu, Petter Holme, Matteo Chiesa, Bedoor Alshebli and Talal Rahwan
Differences in how ethnic and gender homophily arise in scientific research groups	Sam Zhang, Daniel B. Larremore and Aaron Clauset
Gender Stereotypes are Stronger in Online Images than in Online Texts	Douglas Guilbeault
Gender Bias and Search Queries: Is autocomplete the problem?	Ericka Menchen-Trevino, Thomas Struett and Magdalena Wojcieszak

2B: Methods & Ethics

Room C07

Title	Authors
Characterizing the Limits of Name-Based Demographic Inference	Jeffrey Lockhart, Molly King and Christin Munsch
A Computational Framework for Understanding Risk Factors in Cybercrime	Jaime Pérez, Edmond Awad, Mario Castro, Gregorio López, Nereida Bueno-Guerra, María Reneses Botija, María Riberas-Gutiérrez and Aarón Gómez-Dorado
Mimetic Models: Ethical Implications of AI that Acts Like You	Reid McIlroy-Young, Jon Kleinberg, Siddhartha Sen, Solon Barocas and Ashton Anderson
Evaluating Group Fairness Metrics for Rankings	Marlene Lutz, Tobias Schumacher, Sandipan Sikdar and Markus Strohmaier
Pitfalls in Evaluating Machine Explanations with Human Rationales	Indira Sen, Mattia Samory, Fabian Flöck and Claudia Wagner
The Good, the Bad, and the Ugly of Inferring High-resolution Poverty Maps with Multimodal Data	Lisette Espin Noboa, Janos Kertesz and Márton Karsai

2C: Psychology

Room C08

Title	Authors
The Ironic Effect of Likes: How Hiding Social Cues Affects Psychological Well-Being on Instagram	Kokil Jaidka, Harshit Aneja and Sriram Elango
Yourfeed: measuring attention in an experimental social media environment	Ziv Epstein, Hause Lin, Antonio Arechar, Gordon Pennycook and David Rand
Psychological Microtargeting in Online Environments	Almog Simchon, Adam Sutton, Matthew Edwards and Stephan Lewandowsky
Multilevel Analyses of Everyday Social Interactions and Psychological Wellbeing in Young Adults: The Moderating Role of Dispositions and Context	Mahnaz Roshanaei, Sumer Vaid, Andrea Leigh Courtney, Serena Jimyn Soh, Jamil Zaki and Gabriella Harari
The worst of both worlds: A comparative analysis of errors in learning from data in psychology and machine learning	Jessica Hullman, Sayash Kapoor, Priyanka Nanayakkara, Andrew Gelman and Arvind Narayanan

2D: Mobility

Room C09

Title	Authors
The Value of Culture for Predicting Migration: Evidence from Facebook data	Carolina Coimbra Vieira, Sophie Lohmann and Emilio Zagheni
Network constraints on worker mobility: How workplace skills determine a worker's next move	Morgan Frank, Esteban Moro, Tobin South, Alex Rutherford, Alex Pentland and Iyad Rahwan
Voyage Viewer: Empowering human mobility at a global scale	Isabella Loaiza
Effects of mobility-based dependency relationships on economic resilience	Takahiro Yabe, Bernardo Garcia Bulle Bueno, Alex Pentland and Esteban Moro
Large-scale population mobility data provides meaningful indicators of fast food intake and predicts diet-related diseases across diverse populations	Abigail Horn, Brooke Bell, Brooke Bellgarcia Bulle-Bueno, Mohsen Bahrami, Burcin Bozkaya, Yan Cui, John P. Wilson, Sandy Pentland, Kayla de la Haye and Esteban Moro
Measuring Cross-partisan Exposure through Physical Mobility Patterns	Leopele Raabe, Misha Teplitskiy and David Jurgens

2E: Teams and Work

Room C10

Title	Authors
The impact of toxic comments on contributions of Wikipedia editors	Camelia Oprea, Ivan Smirnov and Markus Strohmaier
How does hybrid work work? Effects of perceptions of technologies on advice tie dissolution in the transition to hybrid work	Y. Jasmine Wu, Brennan Antone, Leslie Dechurch and Noshir Contractor
Unpacking Value of Human Capital Using Machine Learning on Occupational Skills	Moh Hosseinioun, Frank Neffke and Hyejin Youn
Understanding and Predicting Team Satisfaction through Team Interaction: A Case Study of Remote Freelancer Software Engineering Teams	Hancheng Cao, Emily Hu and Mark Whiting
When to stop the crowd?	Julian Berger, Mehdi Moussaid, Stefan Herzog, Ralph Hertwig and Ralf Kurvers
Adaption of Online Communities to Competition	Nathan Teblunthuis

Concurrent Panels 3

3A: Race

Room C06

Title	Authors
Redrawing school attendance boundaries to promote socioeconomic diversity	Nabeel Gillani, Doug Beeferman, Christine Vega-Pourheydarian, Cassandra Overney, Pascal Van Hentenryck and Deb Roy
Race's Many Metamorphoses: Racial Vision from Skin Tone Studies to Artificial Intelligence	A.K.M. Skarpelis
Biased Attention is Not What We Need: A Cross-Cultural Analysis on Racial Attention	Yiting Shen, Ian Stewart and Rada Mihalcea
Using Inference to Mitigate Linguistic Bias Against African American English	Jamell Dacon, Haochen Liu and Jiliang Tang
White Supremacists in an Academic Forest: Does Anyone Hear Them?	Bernard Koch, Kushan Dasgupta, Nicole Iturriaga, Daniele Silvestro and Aaron Panofsky

3B: Politics

Room C07

Title	Authors
A Worldwide Disaggregated Estimate of the Impact of International Aid	Daniele Guariso, Omar Guerrero and Gonzalo Castañeda
Formal Indigenous land tenure decreases deforestation in Brazil	Rayna Benzeev, Sam Zhang, Marcelo Artur Rauber, Eric Vance and Peter Newton
Political party affiliation predicts homeowner decisions to install solar PV, but high electricity rates mitigate the partisan gap	Fedor Dokshin and Mircea Gherghina
Spiral of silence in online political deliberation: YouTube during the 2020 US presidential elections	Gabriela Juncosa, Júlia Koltai, Taha Yasseri and Gerardo Iñiguez
The Evolution of Propaganda in the Digital Age: Evidence from Video-sharing Platforms in China	Yingdan Lu, Jennifer Pan, Xu Xu and Yiqing Xu
Disentangling active and passive cosponsorship in the US Congress	Giuseppe Russo, Christoph Gote, Sophia Johanna Schlosser, Laurence Brandenberger and Frank Schweitzer

3C: Text as Data

Room C08

Title	Authors
Topic Modeling and Sentiment Analysis of COVID-19 Vaccination Facebook Posts	Weiyu Zhang, Subhayan Mukerjee and Huazhi Qin
United States Politicians' Tone Became More Negative with 2016 Primary Campaigns	Jonathan Külz, Andreas Spitz, Ahmad Abu-Akel, Stephan Günemann and Robert West
Linguistic, Cultural, and Narrative Stratification: Computational Analyses of Transfer Admissions Essays	AJ Alvero
A Computational Analysis of 35,000 Parole Hearings	Yun Hong, Catalin Voss, Graham Todd, Kristen Bell, Johan Ugander and Nick McKeown
Multilingual News Article Similarity	Xi Chen, Ali Zeynali, Chico Camargo, Fabian Flöck, Devin Gaffney, Przemyslaw Grabowicz, Scott Hale, David Jurgens and Mattia Samory
Accelerating Computational Social Science with ScholarBERT	Zhi Hong, J. Gregory Pauloski, Aswathy Ajith, Eamon Duede, Kyle Chard and Ian Foster

3D: Information

Room C09

Title	Authors
Information Fiduciaries: An Exploration of Online Users' Expectations and Interests	Edmond Awad, William Marks, Trisha Prabhu and Jonathan Zittrain
Automated Detection of Information Operations using Graph Neural Networks	Nicholas Gabriel, David Broniatowski and Neil Johnson
Semi-automated Thematic Analysis of Expert Interviews	Allegra Beal Cohen, Rebecca Williams and Maria Alexeeva
A Novel Way of Operationalizing Information Scent in Information Foraging Theory	Szilvia Zörgő, Rik Crutzen, Andrew Ruis and David Shaffer
Diversity or Uniformity? Content Overlap in Online News	Samar Haider, Homa Hosseinmardi, Bryan Li, Markus Mobius, David Rothschild and Duncan Watts
Using Counterfactually Augmented Data to Improve the Robustness of Social Computing Models	Indira Sen, Mattia Samory, Claudia Wagner, Fabian Flöck and Isabelle Augenstein

3E: Ties

Room C10

Title	Authors
Investigating and Modeling the Dynamics of Long Ties	Ding Lyu, Yuan Yuan, Lin Wang, Xiaofan Wang and Alex Pentland
Analyzing the Engagement of Social Relationships During Life Event Shocks in Social Media	Minje Choi, David Jurgens and Daniel Romero
Household-level Networks Drive the Success of Pandemic Policies	Qingtao Cao and Babak Heydari
Ties That Bind: Influence of Online Social Capital on Relocation Choice after Disasters	Danaja Maldeniya and Daniel M Romero
Ecological Dynamics Among Online Communities	Nathan Teblunthuis and Benjamin Mako Hill
Longitudinal data collection to follow social network and language development dynamics at preschool	Sicheng Dai, H�el�ene Bouchet, M�arton Karsai, Jean-Pierre Chevrot, Eric Fleury and Aur�elie Nardy

Concurrent Panels 4

4A: Inequality

Room C06

Title	Authors
Structural inequalities exacerbate infection disparities: A computational approach	Sina Sajjadi, Pourya Toranj Simin, Mehrzad Shadmangohar, Basak Taraktas, Ulya Bayram, Maria V. Ruiz-Blondet and Fariba Karimi
Towards bridging the digital divide in developing regions	Moumena Chaqfeh, Rohail Asim, Bedoor Alshebli, Muhammad Fareed Zaffar, Talal Rahwan and Yasir Zaki
Sorting Schools: A Computational Analysis of Charter School Identities and Stratification	Jaren Haber
Mobile-tracked Visits to Millions of Places Reveal Socioeconomic Inequality of Daily Consumption in the United States	Yuanmo He and Milena Tsvetkova
Tracking the disparate impact of COVID-19 on self-isolation, commuting patterns, and migration flows in developing countries	Ollin Langle, Lorenzo Lucchini and Samuel Fraiberger

4B: Polarization

Room C07

Title	Authors
Quantifying Social Organization and Political Polarization in Online Platforms	Isaac Waller and Ashton Anderson
Growing polarisation around climate change on social media	Max Falkenberg, Alessandro Galeazzi, Maddalena Torricelli, Niccolo di Marco, Francesca Larosa, Madalina Sas, Amin Mekacher, Warren Pearce, Fabiana Zollo, Walter Quattrociochi and Andrea Baronchelli
Social Processes of Opinion Radicalization in a Digital Community	Yongren Shi, Kevin Kiley and Stephanie DiPietro
Online Social References to Political Figures are More Polarized than References in Media Coverage	Lillio Mok, Michael Inzlicht and Ashton Anderson
Signed interaction networks reveal dynamics of polarization in online discussions	Emma Fraxanet, Max Pellert, Simon Schweighofer, Vicenç Gómez and David Garcia
Polarization and Consensus by Incivility, Opposing News Sources, and Social Networks	Qiusi Sun

4C: Networks

Room C08

Title	Authors
Social diffusion sources can escape detection	Marcin Waniek, Petter Holme, Manuel Cebrian and Talal Rahwan
A Multi-Type Branching Process Method for Modelling Complex Contagion on Clustered Networks	Leah Keating, James Gleeson and David O'Sullivan
Text-free multi-issue attitude mining from social network graph data	Pedro Ramaciotti Morales, Jean-Philippe Cointet and Armin Pournaki
Reconstructing social mixing patterns via weighted contact matrices from online and representative surveys	Julia Koltai, Orsolya Vásárhelyi, Gergely Röst and Marton Karsai
Integrating Lexical Networks and Word Embeddings to Quantify Idea Diversity in Knowledge Building Discourse	Zixi Chen and Bodong Chen

4D: Geography

Room C09

Title	Authors
The Heterogeneous Distribution of Non-coresident Family Across U.S. Metros	Unchitta Kan, Jericho McLeod and Eduardo Lopez
Global mapping of a "social Gini" index using socio-physical connectivity kernels inferred from large-scale social network data	Sahil Loomba, Johannes Happenhofer, Till Hoffmann, Sumeet Agarwal and Nick Jones
Who follows Whom on Twitter: The role of geography and ideology	Alexi Quintana Mathé, Zhen Guo, David Lazer, Stefan McCabe, Nir Grinberg, Kenneth Joseph and Jon Green
Ideological, semantic and geographic proximity drive following behaviour on Twitter	Armin Pournaki, Pedro Ramaciotti Morales and Jean-Philippe Cointet
Beyond Residence: Political Segregation in the Activity Space	Bernardo Garcia Bulle Bueno, Tara Sowrirajan, Alex Pentland and Esteban Moro

4E: Science

Room C10

Title	Authors
Characterizing the effect of scientific retractions on collaboration networks	Shahan Ali Memon, Kinga Makovi and Bedoor Alshebli
Bursting Epistemological Bubbles in Biomedicine: Predicting Knowledge Collapse with Social and Scientific Diffusion	Donghyun Kang, Jalees Rehman, Robert Danziger and James Evans
The illusion of predictability in common scientific visualizations	Sam Zhang, Patrick Heck, Michelle N. Meyer, Christopher F. Chabris, Daniel G. Goldstein and Jake M. Hofman
Engagement with Retracted Articles on Twitter: Who, When, and How?	Rod Abhari, Nicholas Vincent, Henry Dambanemuya, Herminio Bodon and Agnes Horvat
Distance Matters in Science and Scholarship	Eamon Duede, James Evans, Karim Lakhani and Misha Teplitskiy

4F: Social Media

Room C25

Title	Authors
"Born in Rome" or "Sleeping Beauty": Emergence of hashtag popularity on a microblogging site	Hao Cui and János Kertész
How Do Mothers and Fathers Talk About Parenting to Different Audiences in Online Fora?	Melody Sepahpour-Fard, Michael Quayle, Maria Schuld and Taha Yasseri
People are more engaged on Facebook as they get older	Márcio Ribeiro
Understanding the consumption of antimicrobial resistance related content on Social Media	Hyunuk Kim, Chris Proctor, Ronan McCarthy and Dylan Walker
Quantifying Discourse on Policy Issues: a Case Study of Universal Basic Income Discussions on Reddit	Rachel Kim, Veniamin Veselovsky and Ashton Anderson
Assessing the Impacts of COVID-19 on Reddit	Veniamin Veselovsky, Rachel Kim and Ashton Anderson

POSTER SESSIONS

All poster sessions are in room 140

Poster Session 1

#	Title	Authors
1	E-Quality: Understanding Digital Equity Co-Productive Policymaking in the era of COVID-19	Kelsey Edmond
3	Automated Design Fiction: a method for inferring the hidden mechanics of GPT-3	Kathryn Cramer
5	Hiding opinions from machine learning	Marcin Waniek, Talal Rahwan and Walid Magdy
7	Online misinformation is linked to early COVID-19 vaccination hesitancy and refusal	Francesco Pierri, Brea Perry, Matthew DeVerna, Kai-Cheng Yang, Alessandro Flammini, Filippo Menczer and John Bryden
9	Mapping Philanthropic Grants to Science	Louis Shekhtman, Alexander Gates and Albert-Laszlo Barabasi
11	Online Social Integration of Migrants: Evidence from Twitter	Jisu Kim, Soazic Elise Wang Sonne, Kiran Garimella, André Grow, Ingmar Weber and Emilio Zagheni
13	Rapid Sharing of Islamophobic Hate on Facebook: The Case of the Tablighi Jamaat Controversy	Piyush Ghasiya and Kazutoshi Sasahara
15	Reporting our opponents: how Chinese fandom communities use anti-smear campaigns to silence 'the Others'	Zhaodi Chen and Andy Zhao
17	The Effects of Group Distinction on Inequality	Milena Tsvetkova, Oana Vuculescu and Jacob Sherson
19	Quantifying the impact of mass shootings on daily life using large-scale mobility data	Ting-Wei Chiang, Yujie Shao and Emma Pierson
21	Representations of Health and Wellness on Instagram: An Analysis of Posting Behavior of Top-Ranked Health Influencers	Michelle Bak, Hunter Priniski and Jessie Chin
23	Do Followers Willingly Believe What They Wish?: A Case of Debunking COVID-19 Misinformation on Japanese Twitter	Dongwoo Lim, Fujio Toriumi and Mikihiro Tanaka
25	Endogenous Labour Flow Networks: A Bottom-Up Model to Analyse Long-Term Employment Dynamics	Kathryn Fair and Omar Guerrero
27	Causal Network Motifs: Identifying Heterogeneous Spillover Effects in A/B Tests	Yuan Yuan, Kristen M. Altenburger and Farshad Kooti

29	On the Nonlinear Link Between Stigma and Collective Action: Evidence from Sexual and Gender Minorities in 25 Countries	Hema Preya Selvanathan, Daniel Valdenegro Ibarra, Masi Noor, Emilio Paolo Visintin, Fanny Lalot, Mario Sainz, Michal Bilewicz, Lydia Hayward, Simone Sebben, Johannes Ullrich and Tabea Haessler
31	Clustering methods can identify jargon and help detect pseudo-profound bullshit	Loris Millet and Jean-Michel Dalle
33	The effects of personal beliefs in a disease spreading process	Ollin Langle and Nick Cheney
35	Circulation of a digital community currency	Carolina Mattsson and Frank Takes
37	"Splendid Isolation": The reproduction of music industry inequalities in Spotify's recommendation system	Tamas Tofalvy and Julia Koltai
39	Adventures in Integrative Modeling: in search of digital immunity	Martin Hilbert, Arti Thakur, Angelita Repetto, William Weisman and Tom Murray
41	Combinatorial Collective Innovation in Networks: An Agent-Based Approach	Cody Moser and Paul Smaldino
43	Extracting Social Insight from Unstructured Data with Behavioural Embeddings	Isaac Waller and Ashton Anderson
45	Occupational Mobility and Wages from a Perspective of Worker Skills	Hee Youn Kwon, Seolmin Yang and Hyejin Youn
47	Using social simulations to train, test, and evaluate ML models for social prediction	Kiran Lakkaraju, Asmeret Naugle, Matthew Sweitzer, Stephen Wiryanidata and Griffin Lehrer
49	Detecting Individual Decision-Making Style: Exploring Behavioral Stylometry in Chess	Reid McIlroy-Young, Russell Wang, Siddhartha Sen, Jon Kleinberg and Ashton Anderson
51	Foraging in the venture capital community: Graph Neural Networks used to analyze the dynamics of investment strategies	Theophile Carniel, Dilva Maupou and Jean-Michel Dalle
53	Evaluating Digital Polarization in Multi-Party Systems: Evidence from the German Bundestag	Amber Chin, Carolina Coimbra Vieira and Jisu Kim
57	A Child's Play: An Agent-based Simulator to Protect Minors Online	Jaime Pérez, Vicente Balmaseda, Ana Leticia Urbistondo, Edmond Awad, Mario Castro and Gregorio López
59	Grounding force-directed network layouts with latent space models	Felix Gaisbauer, Armin Pournaki, Sven Banisch and Eckehard Olbrich
61	Defining innovation in science and automating its production through knowledge graphs	Laroyce Covington, Han Zhuang, Lizhen Liang and Daniel Acuna

63	News Sharing Networks Expose Information Polluters on Social Media	Bao Tran Truong, Oliver Melbourne Allen and Filippo Menczer
65	Politics and incivility in the online comments. Main contextual factors behind disrespectful comments	Gabriella Szabó, Emese K. Molnár, Árpád Knap and Zoltán Kmetty
67	Characterizing Spatio-Temporal Trends of Private Party Poultry Sales in California Using Online Classified Advertisement Data for Disease Surveillance	Joseph Gendreau, Grant Koziol and Maurice Pitesky
69	Using Deep learning for Detecting Harassment and Cyberbullying in the Arabic Online Communities	Sid Ahmed Benabderrahmane and Talal Rahwan
71	Inverse-generated Identity Model from Situated Interactions	Daniela Delgado Ramos and Juan Salamanca
73	Emergent Networks of Herding in Online Peer-to-Peer Lending	Henry Dambanemuya, Johannes Wachs and Agnes Horvat
75	Successful Differentiation through Category Extensions of Popular Cultural Elements	Abraham Oshotse
77	Linguistic divergence in American English along socio-political polarities	Andres Karjus and Christine Cuskley
79	DisambBERT: Name disambiguation with BERT	Sadamori Kojaku, Xiaoran Yan, Jisung Yoon, Filipi N. Silva, Vincent Larivière and Yong-Yeol Ahn
81	Encouraging News Consumption with Twitter Bots	Hadi Askari, Anshuman Chhabra, Bernhard Clemm, Xudong Yu, Ericka Menchen-Trevino, Zubair Shafiq and Magdalena Wojcieszak
83	Inferring the ideological space of multipolar social systems	Samuel Martin-Gutierrez, Juan C. Losada and Rosa M. Benito
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