

## TAHA YASSERI

School of Sociology, University College Dublin  
Dublin D04 V1W8, Ireland

[tahayasseri.com](http://tahayasseri.com)  
[taha.yasseri@ucd.ie](mailto:taha.yasseri@ucd.ie)

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Peer-Reviewed Publications: 65, Citations: 2,915, h-index: 28, Distinct Co-authors: 69, Erdős number: 3.

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### CURRENT POSITIONS

#### School of Sociology, University College Dublin, Ireland

Associate Professor in Sociology Jul 2020 – Present  
Programme Director of Computational Social Science

#### Geary Institute for Public Policy, University College Dublin, Ireland

Geary Fellow Nov 2020 – Present

### PAST EMPLOYMENTS

#### Oxford Internet Institute, University of Oxford, UK

Senior Research Fellow in Computational Social Science May 2017 – Jun 2020  
*Tenured; Equivalent grade to Associate Professor*  
Research Fellow in Computational Social Science Jan 2015 – Apr 2017  
Big Data Research Officer Nov 2012 – Dec 2014

#### Alan Turing Institute for Data Science and AI, London, UK

Turing Fellow Oct 2016 – Jun 2020

#### Wolfson College, University of Oxford, Oxford, UK

Research Fellow in Humanities and Social Sciences May 2016 – Jun 2020

#### Department of Theoretical Physics, Budapest Uni of Tech & Econ, Hungary

Post-doctoral Researcher Sep 2010 – Oct 2012

#### Institute for Theoretical Physics, Georg-August-Universität Göttingen, Germany

Doctoral Researcher Jan 2007 – July 2010

### EDUCATION

#### *ProfCert*, University Teaching & Learning

University College Dublin, Dublin, Ireland Jan 2021 – Present

#### *PhD*, Physics of Complex Systems

Institute for Theoretical Physics, Georg-August-Universität, Göttingen, Germany Jan 2007 – Jan 2010  
Thesis: Nanoscale Pattern Formation on Ion-sputtered Surfaces  
Supervisor: Prof Reiner Kree, Co-supervisor: Prof Alexander K. Hartmann  
Secondary topics: Computational Neuroscience and Physics of Polymers

#### *MSc*, Physics

Department of Physics, Sharif University of Technology, Tehran, Iran Sep 2005 – Sep 2006  
Thesis: Localization in scale free networks  
Supervisor: Prof Reza Rahimi Tabar

#### *BSc*, Physics

Department of Physics, Sharif University of Technology, Tehran, Iran Sep 2002 – Jul 2005

### AWARDS

- Finalist of the Frontiers Spotlight Award for the Computational Social Science Research Topic, with Javier Borge-Holthoefer and Yamir Moreno, Switzerland, 2017.
- W. J. M. Mackenzie Book of the Year Prize, Political Studies Association (PSA), with Helen Margetts, Peter John, and Scott Hale, UK, 2017.
- Bronze Medal in National Physics Olympiad, Iran, 2001.

### FUNDED PROJECTS (Grand Total ~ €806,000)

- Partisanship and the Wisdom of Crowds, with Margaret Samahita, from CoSSL UCD, €3,983, (2021).
- Artificial Intelligence, Technology and Mobility Inter-disciplinary Collaboration, with Iarfhlaith Watson, from UCD Seed Funding, €5,299, (2020).
- Max Planck Research Group Leader Award from The Max Planck Society, DECLINED (2020).
- Social media narratives of sustainable food consumption, from The Wellcome Trust, £10,000 (2019).
- Listening to the crowd: Data science to understand the British Museum, from Alan Turing Institute, £18,000 (2018)
- Computational Romance: Understanding How Online Dating Has Evolved Over the Past Ten Years Through Large Scale Data Analysis, from eHarmony, £6,000 (2018).
- Studying collaborative online dictionaries to understand language and social dynamics, with Dong Nguyen and Barbara McGillivray, from Alan Turing Institute, £1,920 (2017).
- The "Offensive Internet"?: examining cultures of hate and prejudice online, with Kathryn Eccles, from Google £71,815.13 (2017).
- Alan Turing Fellowship, from EPSRC, £20,000 (2016).
- The Gorongosa Trail Camera Citizen Science Project, with Chris Lintott, from Howard Hughes Medical Institute, £113,000 (2015).
- HUMANE: a typology, method and roadmap for HUMAN-MACHINE NETWORKS, from European Commission: Horizon 2020, within a consortium €1,383,021; Oxford's share: €308,985 (2015).
- Semantic map of sexism: topic modelling of the Everyday Sexism content, from John Fell OUP Research Fund, £7,499 (2015).
- Collective Memory in the Digital Age: Understanding 'Forgetting' on the Internet, from Google, £68,115 (2015).
- Enhancing online learning in the crowd: addressing "content overload" in MOOC forums, with Rebecca Eynon, Nabeel Gillani, Isis Hjorth, from Google, £72,411 (2015).
- Big data and election prediction: analysing online information seeking during the European Parliament elections, with Jonathan Bright, from John Fell OUP Research Fund, £7,032 (2014).
- Taxonomy and Ecology of Contributions to Zooniverse, the Citizen Science Project, from John Fell OUP Research Fund, £7,208 (2014).
- The Ecology of Online Petitioning, with Helen Margetts, Scott A. Hale, and Stefano De Sabbata, from Google, £65,910 (2014).
- Conceptualising interaction and learning in MOOCs, with Rebecca Eynon, Chris Davies, and Nabeel Gillani, from Bill & Melinda Gates Foundation, \$23,924 (2013).

### **SUMMER SCHOOLS and EXTERNAL TRAINING ATTENDED**

- Data Privacy and Security Module for Staff (GDPR Fundamentals and Advanced), University College Dublin, 2020.
- Academic Mentorship, University of Oxford Learning Institute, 2019.
- Public Speaking, Now you're talking, Oxford, 2019.
- Harassment Advisor Training, University of Oxford, 2018.
- Supervising Doctoral Students, Oxford Learning Institute, University of Oxford, 2016.
- Workshop on Time-Dependent and Multiplex Networks, Mathematical Institute, University of Oxford, 2013.
- Tutorial on Experiments with Crowd Sourced Subjects, Centre for Experimental Social Sciences, Nuffield College, University of Oxford, 2013.
- Aalto Complex Networks Factory Summer School, Porvoo, Finland, 2012.
- International school on network science, Central European University, Budapest, Hungary, 2011.
- Workshop on modern methods of time series analysis and applications in physics and econophysics, Sharif University of Technology, Tehran, Iran, 2010.
- NanoSteps, Self-organized nano-structures on crystal surfaces, Institut d'études Scientifiques de Cargèse France, 2008.
- Interfaces between physics and computer science, Jacobs University Bremen, Germany, 2007.
- Complex Systems and Non-extensive Statistical Mechanics, the Abdus Salam Int. Center for Theo. Physics, Trieste, Italy, 2006.
- Computational Neuroscience, Institute for Research in Fundamental Sciences, Tehran, Iran, 2004.

### **DEPARTMENTAL ROLES**

- Programme Director of BSc in Computational Social Science, UCD, since 2021.
- College Representing Member of the University Academic Council, UCD, since 2021.
- Organizing Committee Member of Geary Institute Research Skills Initiative, since 2021.
- Tutor Coordinator at UCD Sociology, since 2020.
- Member of the Departmental Equality, Diversity, and Inclusion Committee, Oxford Internet Institute, 2019-2020.
- Member of the MSc in Social Data Science Exam Board, Oxford Internet Institute, 2019-2020.
- Member of the Departmental Research Ethics Committee (DREC), Oxford Internet Institute, 2018-2020.
- Member of the Assessment Scrutiny Committee of MSc in Social Data Science, Oxford Internet Institute, 2018-2020.
- Department and College Harassment Advisor at the Oxford Internet Institute and Wolfson College, University of Oxford, 2018-2020.
- Department's Trained First-Aider at the Oxford Internet Institute, 2018-2020.
- Departmental Seminars (Brown Bags) Convener, Oxford Internet Institute, 2017-2020.
- Departmental Colloquia Convener, Oxford Internet Institute, 2017-2018.

### **SKILLS**

- **Computational:** *C/C++, SQL, Python, Shell scripts, R, MATLAB, and Latex.*
- **Language:** *English, Persian, German (conversational), and Arabic (basic).*

## TEACHING

### UCD School of Sociology, BSc in Computational Social Science

- Introduction to Computational Social Science I
- Introduction to Computational Social Science II

### UCD School of Sociology, MSc in Social Data Analytics

- Research Design
- Sociological Thinking in the Digital Age

### OII, University of Oxford, MSc in Social Science of the Internet and Social Data Science

- Research Design in Social Data Science
- Online Social Networks
- Big Data Analytics
- Simulating Society (Agent-based modeling)
- Social Research Methods and the Internet

### Online Courses

- Research Design in Social Data Science, Sage Campus, 2019.
- Introduction to Topic Modeling, Sage Research Methods, 2018.

### Guest Courses, and Masterclasses

- Social Network Analysis and Data Mining in Communication Studies, National Research University Higher School of Economics, Moscow, Russia, 2019, 2020, and 2021.
- Academic Writing, Chu Kochen Honors College, Zhejiang University, China, 2019 and 2020.
- Social Media and Network Analysis, Williams-Exeter Programme, Exeter College, Oxford, UK (2014-2015).
- Big Data and Social Media, Lady Margaret Hall Winter Programme, Oxford, UK (2018).
- Big Data and Understanding Societies, Service and Leadership Programme of the Hong Kong Jockey Club, Oxford, UK (2016).
- Mining Wikipedia Data, Barabási Lab: Center for Complex Network Research, Northeastern University, Boston, USA (2014).
- Big Data, an Introduction, for Grant Thornton UK LLP, Bradenham, UK (2013).
- IT Hot Topics: Big Data, for Midlands chapter of the Chartered Institute of Internal Auditors, Birmingham, UK (2013).

## SUPERVISION (45 Supervisees)

### Postdoctoral Researchers:

- P2: Ruth García, Collective Memory in the Digital Age: Understanding ‘Forgetting’ on the Internet, 2015-2016.
- P1: Milena Tsvetkova, HUMANE: a typology, method and roadmap for HUman-MACHine NETworks, 2015-2017.

### Doctoral Students:

- D6: Melody Sepahpour: TBD, 2021-2025.
- D5: Mary Sanford: Expanding the social data science toolbox: the case of climate change communication, 2019-2020 (discontinued due to job change).
- D4: Paul Röttger: Understanding Political Behaviour Using Machine Learning, 2019-2020 (discontinued due to job change).

- D3: Chris Blex: Fake News, Online Echo Chambers, and Political Polarisation, 2018-2020 (discontinued due to job change).
- D2: Patrick Gildersleve: The Wikipedia news network: understanding collective response to current events through the Internet's encyclopaedia, 2016-2021.
- D1: Bertram Vidgen: Tweeting Islamophobia: Islamophobic hate speech amongst followers of UK political parties on Twitter, 2015-2019.

#### MSc Students: (9 Distinctions, 2 Best Thesis Awards)

- M21: Ricardo Flores, Understanding the paths of violence related to organised crime in Mexico, 2020-2021.
- M20: Sanjay Girijamma, Effects of social media on society, 2020-2021.
- M19: Ankina Ann Thomas, Impact of LinkedIn on mental health, 2020-2021.
- M18: Vincent Straub: When do pairs outperform individuals and why? An experimental analysis of collective intelligence in citizen science, 2019-2020, **Distinction**.
- M17: Ben Porter: Dynamic Political Cycles: Modeling US Elections with Endogenous Waves and Exogenous Shocks, 2019-2020.
- M16: Mahdi Nasiri: Studying the wisdom of crowds through large-scale experiments and statistical simulations, 2018-2019.
- M15: Menno Schellekens: Credit Crunch: The Role of Household Lending Capacity in the Dutch Housing Boom and Bust 1995-2018, 2018-2019, **Distinction**.
- M14: Victor Martins Maimone: Is Football Becoming Boring? Quantifying Home Advantage and Predictability 2018-2019, **Distinction**.
- M13: Alicia Mergenthaler: Selling sex: What determines rates and popularity?, 2018-2019.
- M12: Carla Intal: Dissent and Rebellion in the House of Commons: A Social Network Analysis of Brexit-Related Voting by Members of the Parliament, 2018-2019, **Distinction, Best Thesis Award**.
- M11: Jannie Reher: Fooling with Facts: Studying Collective Cognitive Biases through Large-scale Online Experiments, 2017-2018, **Distinction**.
- M10: Rachel Dinh: Computational Courtship: Understanding How Online Dating Has Evolved Over the Past Ten Years through Large Scale Data Analysis, 2017-2018.
- M9: Mary Sanford: Inside the Kaleidoscope of Privacy: What differences exist across French, German, British, and US GDPR Discourse?, 2017-2018.
- M8: Olga Kokoulina: Promises and limits of algorithmic accountability, 2016-2018.
- M7: Lily McElwee, Social Media and Campaign Finance in the 2016 US Congressional Cycle, 2016-2017, **Distinction**.
- M6: Judith Dada, Interacting with and learning from interactively visualised data, 2015-2016, **Distinction, Best Thesis Awards**.
- M5: Daniel Elisha Rachovitsky, "Please Keep Sharing!": Social media coverage and popularity as predictors of success on donation-based crowdfunding platforms, 2015-2016.
- M4: Pu Yang, Semantic Network Analysis of "Guanxi" on Twitter, 2014-2015, **Distinction**.
- M3: Jennie Zhang, Matchmaking in the Digital Age: A Quantitative Analysis of Communication Patterns Between Mobile Dating Users, 2014-2015.
- M2: Joao Fiadeiro, Wikipedia as a co-authorship community: exploring the dynamics of collaboration and article quality, 2012-2013, **Distinction**.
- M1: Anna Samoilenko, How comprehensive and reliable is Wikipedia in representing academic effort?, 2012-2013.

**Alan Turing Institute Summer Interns:**

- S2: Tim Monteath, Listening to the crowd: Data science to understand the British Museum, 2018.
- S1: Naomi Muggleton, Listening to the crowd: Data science to understand the British Museum, 2018.

**Visiting Graduate Students:**

- V4: Johannes Wachs: Quantifying Public Procurement Outcomes, 2018 (3 months).
- V3: Annika Kreil, Relationship between personality traits and work performance inferred from online data, 2017 (4 months).
- V2: Talayeh Aledavood, Studying Human Behavioural Patterns from Digital Data, 2016 (8 weeks).
- V1: Anders Møllgaard, Memory in Digital Age, 2016 (6 weeks).

**Research Assistants:**

- R10: Mary Sanford: Social media narratives of sustainable food consumption, 2019-2020.
- R9: Lucas Wright, The "Offensive Internet": examining cultures of hate and prejudice online, 2018.
- R8: Melanie Bumpas, HUMANE: a typology, method and roadmap for HUMAN-MACHINE NETWORKS, 2017.
- R7: Bill Mulligan, HUMANE: a typology, method and roadmap for HUMAN-MACHINE NETWORKS, 2017.
- R6: Magdalena Góralaska, HUMANE: a typology, method and roadmap for HUMAN-MACHINE NETWORKS, 2017.
- R5: Sophie Melville, Semantic map of sexism: topic modelling of the Everyday Sexism content, 2015-2016.
- R4: Khairunnisa Haji Ibrahim, Taxonomy and Ecology of Contributions to Zooniverse, the Citizen Science Project, 2014-2015.
- R3: Samuel Khodursky, Taxonomy and Ecology of Contributions to Zooniverse, the Citizen Science Project, 2014-2015.
- R2: Eve Ahearn, Big data and election prediction: analysing online information seeking during the European Parliament elections, 2014-2015.
- R1: Márton Mestyán, Forecasting, by using info-communications data, Faculty of Natural Science, Budapest University of Technology and Economics, 2012.

**INVITED LECTURES (79 Lectures)**

- Cognition, Values & Behaviour Research Group Winter Programme, Ludwig-Maximilians-Universität, Munich, December 2021.
- AI & Society Roundtable organized by Humane-AI-Net, online, June 2021.
- The Oxford Summer School in Economic Networks, Oxford, UK, June 2017, 2018, 2019, 2020, and 2021.
- Colloquium on Complex and Biological Systems, University of Potsdam, Potsdam, Germany, April 2021.
- The Connected\_Politics Lab Seminar Series, University College Dublin, Ireland, April 2021.
- UCD Statistics Webinar Series, University College Dublin, Ireland, February 2021.
- The Geary Institute Behavioural Science and Policy Events, Dublin, Ireland, February 2021.
- Sociological Association of Ireland's Postgraduate Conference, Ireland, January 2021.
- Keynote at the 11th Conference on Statistical Physics, Soft Condensed Matter and Complex Systems, Tehran, Iran, January 2021.

- Tech + Democracy Seminar Series, Centre for Cognition, Computation, & Modelling, Birkbeck University of London, UK, January 2021.
- Physics Club, Physics Society of Iran, November 2020.
- Applied Mathematics Seminars, University College Cork, Ireland, November 2020.
- Mathematics Applications Consortium for Science and Industry Seminars, University of Limerick, Ireland, October 2020.
- School of Sociology Seminar Series, University College Dublin, Ireland, October 2020.
- Wikimedia Research Showcase, August 2020.
- Conference on Interdisciplinary methods to understand impact of digital media on social and individual behaviour, European Commission, Brussels, April 2020.
- TedX , Thessaloniki, Greece, May 2019.
- AI and Government, Istanbul Policy Center, Turkey, May 2019.
- China Academy of Science, Beijing, China, March 2019.
- The Bartlett Centre for Advanced Spatial Analysis, UCL, London, UK, November 2018.
- Government Digital Services, London, UK, November 2018.
- Oxford Science and Ideas Festival, Oxford, UK, October 2018.
- 21st Century Curatorship talks at the British Library, London, UK, September 2018.
- Keynote Speaker of the 14th International Workshop on Mining and Learning with Graphs, KDD, London, August 2018.
- Invited seminar, Network Science Institute, Northeastern University, Boston, USA, July 2018.
- Human Memory in the Digital Age Symposium, University of Lund, Sweden, June 2018.
- Nuffield College Social Network Analysis Seminar, University of Oxford, Oxford, UK, 2012 and 2018.
- Complexity Science Hub Workshop: "Social Informatics - en route towards Asimov's Psychohistory?", Vienna, Austria, February 2018.
- Colloquium, Central European University, Budapest, Hungary, January 2018.
- Keynote at the Sharif University Winter Seminar Series, Tehran, Iran, December 2017.
- Jheronimus Academy of Data Science Colloquium, Den Bosch, Netherlands, December 2017.
- CIEH Workshop on Brexit and Big Social, University of Reading, UK, December 2017.
- Databeers, London, UK, February and November 2017.
- Bristol Festival of Ideas, Bristol, UK, November 2017.
- Knowledge Media Institute Seminar, Open University, Milton Keynes, UK, November 2017.
- Aalto-IBSEN Workshop on Computational Social Science, Espoo, Finland, September 2017.
- Invited seminar at MIT-Media Lab, Cambridge, USA, August 2017.
- Invited seminar at Barabasi Lab, Network Science Institute, Northeastern University, Boston, USA, August 2017.
- EdTech Winter School: Emerging trends and new horizons in the study of education and technology, Montevideo, Uruguay, July 2017.
- JustData Workshop on (Big) Hopes and Hazards of Big Data, Budapest, Hungary, May 2017.
- Computational Social Science London Initiative, University College London, UK, March 2017.
- Complexity Seminars, Institute for New Economic Thinking, Oxford, UK, February 2017.
- #SocialHumanities Datahack: Self-(Re)presentations on Social Media, Oxford, UK, January 2017.
- Oxford Data Science Meetup, Oxford, UK, December 2016.

- Leeds Applied Nonlinear Dynamics seminars, University of Leeds, UK, November 2016.
- Global Dating Insights London Dating Conference, London, UK, October 2016.
- Online Dating and Dating Industry Conference, London UK, September 2016.
- Oxford Internet Institute Summer Doctoral Programme, Oxford, UK, July 2016.
- School of Physics, Institute for Research in Fundamental Sciences, Tehran, Iran, March 2016.
- Wikipedia 15th Birthday Editathon: The Social Internet, Oxford, January 2016.
- Iranian Society London Colloquium, London, UK, November 2015.
- Psychology and Neuroscience Applications Society of University of Oxford, UK, November 2015.
- Science in The Quad, Robert Gordon's College, Aberdeen, UK, November 2015.
- Royal Academy of Arts, Digital (Dis)connections, London, UK, October 2015.
- Social Data - Beyond the Research Lab, Google Campus London, August 2015.
- Oxford Internet Institute Summer Doctoral Programme, Oxford, UK, July 2015.
- #Fail!: ACM Web Science Conference WebSci'15 Workshop, Oxford, UK, June 2015.
- Cultural and Social Analytics workshop, Imperial's Data Science Institute, London, UK, June 2015.
- Bristol Centre for Complexity Sciences, Applied Nonlinear Mathematics, Bristol, UK, May 2015.
- 6th International Conference on Information Technologies and Information Society, Šmarješke toplice, Slovenia, Nov 2014.
- Annenberg-Renmin Summer Workshop on Big Data, Modelling, and Communication Studies, Beijing, China, July 2014.
- Oxford Internet Institute Summer Doctoral Programme, Oxford, UK, July 2014.
- Big Data summer school, University of Essex, UK, July 2014.
- Computational Social Science Conference, Warwick, UK, June 2014.
- School of advanced sciences of Luchon on Network analysis and applications, Luchon, France, June 2014.
- Data Science seminar, Warwick Business School, University of Warwick, UK, March 2013.
- Complex System Working lunch, Centre for Interdisciplinary Mathematics, University of Uppsala, Uppsala, Sweden, Oct. 2013.
- Quantifying Success, Satellite Meeting at ECCS'13, Barcelona, Spain, Sep. 2013.
- Software Systems Engineering Group, Department of Computer Science, University College of London, London, UK, Jun. 2013.
- Human Behaviour and Network Science Workshop at NetSci'13, Copenhagen, Denmark, June 2013.
- ESF Exploratory Workshop: Towards a Virtual Institute for the Measurement, Evaluation and Management of Open Online Communities, Brest, France, Feb. 2013
- Department of Biomedical Engineering and Computational Science, Aalto University, Espoo, Finland, Jul. 2011.
- Department of Theoretical Physics Seminars, Budapest University of Technology and Economics, Budapest, Hungary, Apr. 2011.
- Colloquium of Department of Physics, University of Tehran, Tehran, Iran. Jan. 2011.
- Soft Condensed Matter Group Seminars, Department of Physics, Sharif University of Technology, Tehran, Iran, Jan. 2011.
- Condensed Matter Physics Seminar, School of Physics, Institute for research in fundamental science, Tehran, Iran, Jan. 2011.

- Theoretisch-physikalisches Seminar, Institute for Theoretical Physics, University of Göttingen, Göttingen, Germany Aug. 2006.

### CONFERENCE PRESENTATIONS (78 Contributions)

- Networks 2021: The Joint Sunbelt and NetSci Conference, Online, July 2021. (*3 LIGHTNING TALKS*)
- The ACM Collective Intelligence Conference, Online, June 2021. (*SHORT TALK*)
- Conference on Complex Systems, Online, December '20. (*2 LIGHTNING TALKS*)
- Politics and Computational Social Science and Political Networks Conference, Boston, UCS, August '20. (*SHORT TALK*)
- International Conference on Computational Social Science, Boston, USA, July '20. (*SHORT TALK*)
- The 8th International Conference on Complex Networks and Their Applications, Lisbon, Portugal, December '19. (*1 SHORT TALK + 1 LIGHTNING TALK*)
- The 7th International Conference on Complex Networks and Their Applications, Cambridge, UK, December '18. (*SHORT TALK*)
- International Conference on Complex Systems, Boston, USA, July '18. (*3 TALKS*)
- International Conference on Computational Social Science, Evanston, USA, July '18. (*3 TALKS*)
- International School and Conference on Network Science (NetSci), Paris, France, June '18. (*1 TALK*)
- International Conference on Complex Networks (CompleNet), Boston, US, March '18. (*2 TALKS + 1 POSTER*)
- BIFI International Conference on Complexity, Networks and Collective Behaviour, Zaragoza, Spain, February '18. (*2 TALKS*)
- International Conference on Computational Social Science, Cologne, Germany, July '17. (*2 TALKS + 2 POSTERS*)
- International School and Conference on Network Science, Indianapolis, US, Jun '17. (*1 TALK+ 1 POSTER*)
- 3rd GESIS Computational Social Science Winter Symposium 2016, Cologne, Germany, Dec '16. (*1 TALK+ 1 POSTER*)
- Conference on Complex Systems, Amsterdam, The Netherlands, September '16. (*3 TALKS*)
- International Conference on Computational Social Science, Evanston, USA, June '16. (*1 TALK+ 1 POSTER*)
- 2st ICWSM Science Slam, Cologne, Germany, May '16. (*TALK*) (**Final Runner-up**)
- 10th International Conference on Web and Social Media, Cologne, Germany, May '16. (*2 POSTERS*)
- 2nd Computational Social Science Winter Symposium, Cologne, Germany, Dec '15. (*2 POSTERS + TALK*)
- Policy-making in the Big Data Era: Opportunities and Challenges, Cambridge, UK, June '15. (*TALK*)
- International Conference on Computational Social Science, Helsinki, Finland, June '15. (*2 POSTER*)
- 1st ICWSM Science Slam, Oxford, UK, May '15. (*TALK*) (**Final Runner-up**)
- Spring meeting of the German Physics Society, Berlin, Germany, March '15. (*POSTER*)
- European Conference on Complex Systems, Lucca, Italy, sep. '14. (*TALK AND POSTER*)
- Quantifying Success 2.0, Satellite Meeting at ECCS'14, Lucca, Italy, Sep. '14. (*TALK*)
- Cambridge Networks Day, Cambridge, UK, May '14. (*POSTER*)
- Collective Behaviours and Networks, Satellite Meeting at ECCS'13, Barcelona, Spain, Sep. '13. (*TALK*) (**Best Presentation Award**)

- WikiSym + OpenSym, the Joint International Symposium on Open Collaboration, Hong Kong, August '13. (*TALK*)
- Cambridge Networks Day, Cambridge, UK, May '13. (*POSTER*)
- ACM Web Science conference, Paris, France, May '13. (*POSTER*)
- Spring meeting of the German Physics Society, Regensburg, Germany, March '13. (*SHORT TALK AND POSTER*)
- Aalto Complex Networks Factory Workshop, Porvoo, Finland, June '12. (*TALK*)
- Spring meeting of the German Physics Society, Berlin, Germany, March '12. (*SHORT TALK AND POSTER*)
- 3rd IEEE International Conference on Social Computing, Boston, USA, Oct '11. (*POSTER*)
- European Conference on Complex Systems, Vienna, Austria, Sep. '11. (*TALK*)
- International Workshop on Coping with Crises in Complex Socio-Economic Systems, Zurich, Switzerland, Jun. '11. (*TALK*)
- 3rd ACM International Conference on Web Science, Koblenz, Germany, Jun '11. (*POSTER*)
- Spring meeting of the German Physics Society, Dresden, Germany, March '11. (*POSTER*)
- 7th Vienna central European conference and COST MP0801 WORKSHOP, Vienna, Austria, Nov. '10. (*TALK*)
- ESF-COST High-Level Research Conference on Future Internet and Society, Acquafredda di Maratea, Italy, Oct. '10. (*POSTER*)
- Nanoscale Modification of Surfaces and Thin Films, Rathen, Germany, Sep. '09. (*POSTER*)
- Spring meeting of the German Physics Society, Dresden, Germany, March '09. (*TWO SHORT TALKS AND TWO POSTERS*)
- 16th International Conference on Ion-Beam Modification of Materials, Dresden, Germany, Sep '08. (*TWO POSTERS*)
- NanoSteps, Selforganized nanostructures on crystal surfaces, Corsica, France, June '08. (*SHORT TALK*)
- Spring meeting of the German Physics Society, Berlin, Germany, February '08. (*SHORT TALK*)
- Conference on Computational Physics, Brussels, Belgium, September '07. (*POSTER*)
- The 23rd International Conference on Statistical Physics, Genova, Italy, July '07. (*POSTER*)

#### SCIENTIFIC VISITS

- Laboratory of Data Technologies, Faculty of Information Studies, Novo mesto, Slovenia, (one week) Nov. 2014.
- The Computational Social Science department at GESIS - the Leibniz Institute for the Social Sciences, Cologne, Germany, (2 days) Jun. 2014.
- Barabási Lab: Center for Complex Network Research, Northeastern University, Boston, USA, (one week) Feb. 2014.
- Complex Networks Group of Department of Biomedical Engineering and Computational Science BECS, Aalto University, Finland, (one week) Aug. 2013.
- Dynamical systems and Social Dynamics Group of Max Planck Institute for the Physics of Complex Systems, Dresden, Germany, (one week) Aug. 2013.
- Complex Networks Group of Department of Biomedical Engineering and Computational Science BECS, Aalto University, Finland, (two months) Sept. Oct. 2012.
- Complex Networks Group of Department of Biomedical Engineering and Computational Science BECS, Aalto University, Finland, (one week) Jul. 2011.

## ACADEMIC SERVICE

### Editorial Board Member:

- Journal of Physics: Complexity, since 2020.
- European Physical Journal Data Science, since 2018.
- Frontiers in Social Physics, since 2018.
- Frontiers in Digital Humanities, Big Data, 2015-2019.
- Guest Editor of “Research Topic” in Frontiers in Interdisciplinary Physics: At the crossroads: lessons and challenges in Computational Social Science, 2015.
- Frontiers in Interdisciplinary Physics, 2013-2018.
- Journal of Data Mining and Digital Humanities, 2013-2015.

### Conference Chair:

- International Conference on Complex Networks and their Applications: Lightning Chair, Lisbon 2019, and Poster Chair, Madrid 2020 and 2021.
- Programme Committee Chair, 2nd and 4th International Conference on Computational Social Science, Evanston, USA, 2016 and 2018.
- **General Chair** of the 9th International Conference on Social Informatics (SocInfo 2017), Oxford, UK, 2017.

### External Reviewer:

- Book proposal: Springer, Oxford University Press, Sage.
- European Cooperation in Science and Technology (COST), 2021.
- Swiss National Science Foundation (SNSF), 2019-2020.
- Innovation Fund Competition, Canada Foundation for, Innovation (CFI), 2016.

### PhD Committee/Examiner:

- Internal Examiner: Roland Adorjani, School of Sociology, University College Dublin, 2021.
- Internal Examiner: Bernardo Sousa Buarque, School of Architecture, Planning & Environmental Policy, University College Dublin, 2021.
- External Examiner: Nicole Nisbett, School of Politics and International Studies, University of Leeds, 2021.
- Transfer Panel: Chenlong Wang, School of Sociology, University College Dublin, 2021.
- Transfer Panel: Alexandra Woods, School of Sociology, University College Dublin, 2020.
- Transfer Panel: Katharina Anders, Oxford Internet Institute, University of Oxford, 2020.
- Transfer Panel: Nahema Marchal, Oxford Internet Institute, University of Oxford, 2018.
- Transfer Panel: David Watson, Oxford Internet Institute, University of Oxford, 2018.
- Research Studies Panel: Silvia Scarpa, School of Mathematics and Statistics, University College Dublin, 2021-.
- Research Studies Panel: Galen Lamphere-Englund, School of Politics & International Relations, University College Dublin, 2021-.

### Senior Programme Committee member:

- 12th International Conference on Social Informatics, Pisa, Italy 2020.
- 11th ACM Conference on Web Science, Boston, USA 2019.
- International School and Conference on Network Science (NetSci), Indianapolis, USA 2017.

- International AAAI Conference on Web and Social Media (ICWSM), Montreal, Canada 2016, Cologne, Germany 2017, Atlanta, USA 2021.

Organizing Committee member:

- Computational Social Science Satellite Workshop to Conference in Complex Systems: Barcelona 2013, Lucca 2014, Tempe 2015, Amsterdam 2016, Cancun 2017, Thessaloniki 2018, Singapore 2019, and Online 2020.
- Organizer of the Human-Machine Networks International Workshop, Oxford, UK 2017.
- Organizer of the Everyday Sexim Datahack, Oxford, UK 2016.
- Co-convener of the OxCrowd Network, University of Oxford, UK 2015-2016.
- Organizing Committee member of the ACM Web Science Conference workshop #FAIL!, Oxford, UK 2015.
- Organizing Committee member of the 1st ICWSM Science Slam, Oxford, UK 2015.

Programme Committee member:

- Conference on Complex Systems, Lyon, France, October 2021.
- 1st, 3rd, 5th, 6th, 7th International Conference on Computational Social Science: Helsinki 2015, Cologne 2017, Amsterdam 2019, Boston 2020, Zurich 2021.
- International Conference on Complex Networks (CompleNet), Online, May 2021.
- International School and Conference on Network Science (NetSci), Zaragoza 2015, Paris 2018, Rome 2020.
- 2nd and 3rd Multidisciplinary International Symposium on Disinformation in Open Online Media, Leiden 2020 and Oxford 2021.
- BIFI International Conference on Complexity, Networks and Collective Behaviour, Zaragoza, Spain, February 2018.
- 1st European Symposium Series on Societal Challenges in Computational Social Science, London, UK, November 2017.
- 9th International Conference on Geographic Information Science, Montreal, Canada, September 2016.
- International Symposium on Open Collaboration (OpenSym and WikiSym), Hong Kong, Berlin, San Francisco, and Berlin, 2013-2016.
- 26th ACM Conference on Hypertext and Social Media, Cyprus, September 2015.
- The European Conference on Data Analysis, Colchester, UK, September 2015.
- 5th workshop on 'Making Sense of Microposts', World Wide Web Conference, Florence, Italy, May 2015.
- 7th international AAAI conference on weblogs and social media (ICWSM), Boston, USA, July 2013.
- IEEE international conference on Social Computing, Amsterdam, The Netherlands, September 2012.
- International Conference on Digital Information and Communication Technology and its Applications, Bangkok, Thailand, May 2012.
- International Multi-Conference on Complexity, Informatics and Cybernetics: Orlando, Florida USA, April 2010 and March 2011.

### CONSULTANCY SERVICES

- *Feasibility Study*; The Use of Social Media for Research and Analysis, for The Department for Work and Pensions, UK (2014).
- *Feasibility Study*; A data mining approach to the audience characteristics: The case of City Press, for Media24, South Africa (2013).

## REVIEWED for

*Nature, Science, PNAS, Science Advances, Scientific Reports, PLoS ONE, Journal of Complex Networks, New Media & Society, Big Data & Society, Social Science Computer Review, Scientometrics, The International Journal of Press/Politics, Journal of the Royal Society Interface, New Journal of Physics, Journal of Statistical Physics, Public Opinion Quarterly, Physica A, New Journal of Physics, Eur. Phys. J. Data Science, Royal Society Open Science, Policy & Internet, Frontiers in Interdisciplinary Physics, Public Opinion Quarterly, Learning, Media and Technology, Public Opinion Quarterly, Big Data & Society, First Monday, British Journal of Educational Technology, Journal of Nuclear Instruments and Methods in Physics B, Materials Science and Engineering: B, The Bulletin of the Institute of Combinatorics and its Applications, African Journal of Business Management, Journal of Elections, Public Opinion & Parties, Society.*

## MEDIA COVERAGE

My research has been featured in:

*BBC, CNN, The Guardian, The Economist, Forbes, Financial Times, The Washington Post, Huffington Post, The Atlantic, Times Higher Education, NBC News, The Independent, Fox News, Wired, Spiegel, Die Welt, Süddeutsche, Zeit, Daily Telegraph, Toronto Star, BBC Mundo, International Business Times, The Times of Israel, Live Science, The Daily Dot, CNN Mexico, Technology Review, Weekendavisen, Salon, Daily Mail, Business Insider, Haaretz, Hürriyet, Radio Sawa.*

TV and Radio:

*BBC2 - Newsnight, BBC - World Service, Tech Tent, BBC - Radio 4, BBC - Radio Oxford, BBC - World Service, TRT - World, BBC - Radio Scotland, BBC - Three Counties Radio, Das Kulturradio, DR - (Denmark's national Radio), Deutschlandfunk, SRG SSR - Swiss National Radio.*

## PUBLICATIONS ([Google Scholar Profile](#))

- Online Course on [Research Design in Social Data Science](#) at Sage Campus (2019).

\* where T Yasseri is the PI or the Primary Author

**Major publications are highlighted**

B: Book, C: Book Chapter, E: Edited Volume, J: Journal Article, P: Conference Proceedings, U: Under Review, M: Miscellaneous

Total count: 89 Peer-reviewed: 65 Total Citation: 2914		Themes			
		Social Contagion/Information Dynamics/Social Psychology/Collective Behaviour	Conflict & Collaboration/Social & Artificial Intelligence	Politics/Political Behaviour/Electoral Campaigns/	Gender/Sexuality/ Online Dating/Sexism
Methodology	Math. Stat. Modelling	<a href="#">P5</a> <a href="#">J5*</a> <a href="#">J11*</a> <a href="#">J12*</a> <a href="#">J23*</a> <a href="#">J26*</a> <a href="#">J31</a> <a href="#">U4*</a> <a href="#">M7*</a> <a href="#">U12*</a> <a href="#">U13</a> <a href="#">P11*</a>	<a href="#">P4*</a> <a href="#">J7*</a> <a href="#">J28</a> <a href="#">U11*</a> , <a href="#">J39*</a>	<a href="#">M6</a> <a href="#">C2</a> <a href="#">B2</a> <a href="#">P3</a> <a href="#">P7</a> <a href="#">P9*</a> <a href="#">J10*</a> <a href="#">J14*</a> <a href="#">J21*</a> <a href="#">J29</a> <a href="#">J36*</a>	<a href="#">J41*</a> <a href="#">U1*</a> <a href="#">U5*</a>
	Network Analysis	<a href="#">M2</a> <a href="#">C4</a> <a href="#">C5</a> <a href="#">P6</a> <a href="#">P10*</a> <a href="#">J15*</a> <a href="#">J22*</a> <a href="#">J30</a> <a href="#">J33*</a> <a href="#">U8*</a>	<a href="#">C3*</a> <a href="#">P1*</a> <a href="#">P2*</a> <a href="#">P8</a> <a href="#">J6*</a> <a href="#">J9*</a> <a href="#">J19*</a>	<a href="#">J40*</a> <a href="#">M14</a>	<a href="#">J38*</a>
	Agent-Based Modelling	<a href="#">M1*</a> <a href="#">C1</a> <a href="#">J1</a> <a href="#">J2</a> <a href="#">J3</a> <a href="#">J4*</a> <a href="#">J16</a> <a href="#">B1</a>	<a href="#">J8</a> <a href="#">J13*</a> <a href="#">J25</a>		
	Machine Learning	<a href="#">J42</a> <a href="#">U6*</a> <a href="#">M15</a>	<a href="#">M8*</a> <a href="#">J27*</a>	<a href="#">M9</a> <a href="#">J34</a> <a href="#">J35*</a> <a href="#">U2*</a> <a href="#">J37</a>	<a href="#">J32*</a>
	Review & Comment	<a href="#">M3</a> <a href="#">M4*</a> <a href="#">M5*</a> <a href="#">J17*</a> <a href="#">J18*</a> <a href="#">J20*</a> <a href="#">J24</a> <a href="#">E1</a> <a href="#">E2*</a> <a href="#">B3*</a> <a href="#">B4*</a> <a href="#">U10*</a> <a href="#">E3*</a>			

### Peer Reviewed

- *Books*

B4*	Research Design in Social Data Science T Yasseri	Sage Publications Ltd., 2021 [Under Contract]	
B3*	<b>Methods in Computational Social Science</b> T Yasseri	Oxford University Press, 2021 [Under Contract]	
B2	<b>Political Turbulence: How Social Media Shape Collective Action</b> H Margetts, P John, S Hale, T Yasseri	Princeton University Press, 2015 ISBN: 9780691159225	Featured in Science, Guardian, Economist, PAS Mackenzie Award
B1*	How to make nano-waves on solid surfaces T Yasseri	VDM Verlag. Müller, 2010 ISBN: 9783639292602	Monograph based on PhD thesis

- *Edited Volumes*

E3*	<b>Handbook of Computational Social Science</b> T Yasseri	Edward Elgar Publishing, 2023 [Under contract]	71 Chapters commissioned
E2*	Social Informatics: 9th International Conference, SocInfo 2017, Oxford, UK, September 13-15, 2017, Proceedings GL Ciampaglia, A Mashhadi, T Yasseri	Springer, 2017 ISBN: 331967255X	General Chair of the Conference
E1	At the Crossroads: Lessons and Challenges in Computational Social Science J Borge-Holthoefer, Y Moreno, T Yasseri	Frontiers Media SA, 2016. ISBN: 978-2-88945-021-3	Top 10 Spotlight Award

- *Journal Articles*

J42	<b>Controversy around climate change reports: a case study of Twitter responses to the 2019 IPCC report on land</b> M Sanford, J Painter, T Yasseri, J Lorimer	<i>Climatic Change</i> 167, 59, 2021. <a href="https://doi.org/10.1007/s10584-021-03182-1">https://doi.org/10.1007/s10584-021-03182-1</a>	Impact Factor: 4.74
J41*	<b>Computational Courtship: Understanding the Evolution of Online Dating through Large Scale Data Analysis</b> R Dinh, P Gildersleve, Chris Blex, T Yasseri	<i>Journal of Computational Social Science</i> , published online, 2021. <a href="https://doi.org/10.1007/s42001-021-00132-w">https://doi.org/10.1007/s42001-021-00132-w</a>	Featured in: BBC, Daily Mail, Metro, Sky News, ...

J40*	Dissent and Rebellion in the House of Commons: A Social Network Analysis of Brexit-Related Divisions in the 57th Parliament C Intal, T Yasseri	<i>Applied Network Science</i> <b>6</b> , 36, 2021. <a href="https://doi.org/10.1007/s41109-021-00379-2">https://doi.org/10.1007/s41109-021-00379-2</a>	Impact Factor: 2.3
J39*	Gender Imbalance and Spatiotemporal Patterns of Contributions to Citizen Science Projects: the case of Zooniverse K Ibrahim, S Khodursky, T Yasseri	<i>Frontiers in Social Physics</i> 9:650720, 2021. <a href="https://doi.org/10.3389/fphys.2021.650720">https://doi.org/10.3389/fphys.2021.650720</a>	Impact Factor: 2.64
J38*	Selling sex: what determines rates and popularity? An analysis of 11,500 online profiles A Mergenthaler, T Yasseri	<i>Culture, Health &amp; Sexuality</i> , 1-15, 2021. <a href="https://doi.org/10.1080/13691058.2021.1901145">https://doi.org/10.1080/13691058.2021.1901145</a>	Impact Factor: 1.97
J37	Trajectories of Islamophobic Hate Amongst Far-right Actors on Twitter B Vidge, T Yasseri, H Margetts	<i>Journal of Policing, Intelligence and Counter Terrorism</i> , 1-23, 2021. <a href="https://doi.org/10.1080/18335330.2021.1892166">https://doi.org/10.1080/18335330.2021.1892166</a>	
J36*	Positive Algorithmic Bias Cannot Stop Fragmentation in Homophilic Social Networks C Blex, T Yasseri	<i>The Journal of Mathematical Sociology</i> , 2020. <a href="https://doi.org/10.1080/0022250X.2020.1818078">https://doi.org/10.1080/0022250X.2020.1818078</a>	Impact Factor: 0.538
J35*	What, When and Where of Petitions Submitted to the UK Government During a Time of Chaos B Vidgen, T Yasseri	<i>Policy Sciences</i> , 53(3), 535-557, 2020. <a href="https://doi.org/10.1007/s11077-020-09395-y">https://doi.org/10.1007/s11077-020-09395-y</a>	Impact Factor: 3.61
J34	Detecting Weak and Strong Islamophobic Hate Speech on Social Media B Vidgen, T Yasseri	<i>Journal of Information Technology &amp; Politics</i> , 17:1, 2020 <a href="https://doi.org/10.1080/19331681.2019.1702607">https://doi.org/10.1080/19331681.2019.1702607</a>	Impact Factor: 1.77 Featured in the Conversation
J33*	Social Complex Contagion in Music Listenership: A Natural Experiment with 1.3 Million Participants J Ternovski, T Yasseri	<i>Social Networks</i> , 61, 144-152, 2020 <a href="https://doi.org/10.1016/j.socnet.2019.10.005">https://doi.org/10.1016/j.socnet.2019.10.005</a>	Impact Factor: 2.95
J32*	Topic Modeling of Everyday Sexism Project Entries S Melville, K Eccles, T Yasseri	<i>Front. Digit. Humanit.</i> 5:28, 2019 <a href="https://doi.org/10.3389/fdigh.2018.00028">https://doi.org/10.3389/fdigh.2018.00028</a>	Online Views: 6,000+ Featured in Vice Motherboard
J31	Emergence of World-stock-market Network M Saeedian, T Jamali, MZ Kamali, H Bayani, T Yasseri, GR Jafari	<i>Physica A: Statistical Mechanics and its Applications</i> , 526: 120792, 2019 <a href="https://doi.org/10.1016/j.physa.2019.04.028">https://doi.org/10.1016/j.physa.2019.04.028</a>	Impact Factor: 2.92
J30	Social Capital Predicts Corruption Risk in Towns J Wachs, T Yasseri, B Lengyel, J Kertész	<i>Royal Society Open Science</i> 6.4: 182103, 2019 <a href="https://doi.org/10.1098/rsos.182103">https://doi.org/10.1098/rsos.182103</a>	Impact Factor: 2.65
J29	How Digital Design Shapes Political Participation: A Natural Experiment with Social Information SA Hale, P John, H Margetts, T Yasseri	<i>PloS One</i> 13 (4), e0196068, 2018 <a href="https://doi.org/10.1371/journal.pone.0196068">https://doi.org/10.1371/journal.pone.0196068</a>	Impact Factor: 2.78
J28	Emo, Love, and God: Making Sense of Urban Dictionary, a Crowd-Sourced Online Dictionary D Nguyen, B McGillivray, T Yasseri	<i>Royal Society Open Science</i> 5 (5), 172320, 2018 <a href="https://doi.org/10.1098/rsos.172320">https://doi.org/10.1098/rsos.172320</a>	Impact Factor: 2.65 Featured in MIT Technology Review, The Times, Evening Standard.

J27*	<b>Even Good Bots Fight: The Case of Wikipedia</b> M Tsvetkova, R García-Gavilanes, L Floridi, T Yasseri	<i>PLoS ONE</i> 12(2): e0171774, 2017 <a href="https://doi.org/10.1371/journal.pone.0171774">https://doi.org/10.1371/journal.pone.0171774</a>	Impact Factor: 2.77 Featured in New Scientist, MIT Tech Review, The Guardian, Wired, BBC Tech Tent, BBC Newsnight.
J26*	<b>The Memory Remains: Understanding Collective Memory in the Digital Age</b> R García-Gavilanes, A Mollgaard, M Tsvetkova, T Yasseri	<i>Science Advances</i> : 3: e1602368, 2017 <a href="https://doi.org/10.1126/sciadv.1602368">https://doi.org/10.1126/sciadv.1602368</a>	Impact Factor: 13.11 Featured in Science, Conversation,
J25	Understanding and Coping with Extremism in an Online Collaborative Environment C Rudas, O Surányi, T Yasseri, J Török	<i>PLoS ONE</i> 12(3): e0173561, 2017 <a href="https://doi.org/10.1371/journal.pone.0173561">https://doi.org/10.1371/journal.pone.0173561</a>	Impact Factor: 2.76
J24	Editorial: At the Crossroads: Lessons and Challenges in Computational Social Science J Borge-Holthoefer, Y Moreno, T Yasseri	<i>Front. Phys.</i> 4:37, 2016 <a href="https://doi.org/10.3389/fphy.2016.00037">https://doi.org/10.3389/fphy.2016.00037</a>	Impact Factor: 2.63
J23*	Dynamics and Biases of Online Attention: The Case of Aircraft Crashes R García-Gavilanes, M Tsvetkova, T Yasseri	<i>Royal Society Open Science.</i> 3:160460, 2016 <a href="https://doi.org/10.1098/rsos.160460">https://doi.org/10.1098/rsos.160460</a>	Impact Factor: 2.68 Featured in Science, Guardian, MIT Technology Review
J22*	Two Diverging Roads: A Semantic Network Analysis of Chinese Social Connection (“Guanxi”) on Twitter P Yan, T Yasseri	<i>Front. Digit. Humanit.</i> 4:11, 2017 <a href="https://doi.org/10.3389/fdigh.2017.00011">https://doi.org/10.3389/fdigh.2017.00011</a>	Online Views: 14,000+
J21*	<b>Wikipedia Traffic Data and Electoral Prediction: towards Theoretically Informed Models</b> T Yasseri, J Bright	<i>EPJ Data Science</i> , 5:22, 2016 <a href="https://doi.org/10.1140/epjds/s13688-016-0083-3">https://doi.org/10.1140/epjds/s13688-016-0083-3</a>	Impact Factor: 3.26 Featured in Science news.
J20*	A Biased Review of Biases in Twitter Studies on Political Collective Action P Cihon, T Yasseri	<i>Front. Phys.</i> 4:34, 2016 <a href="https://doi.org/10.3389/fphy.2016.00034">https://doi.org/10.3389/fphy.2016.00034</a>	Impact Factor: 2.63
J19*	<b>Dynamics of Disagreement: Large-Scale Temporal Network Analysis Reveals Negative Interactions in Online Collaboration</b> M Tsvetkova, R García-Gavilanes, T Yasseri	<i>Scientific Reports</i> 6, 36333, 2016 <a href="https://doi.org/10.1038/srep36333">https://doi.org/10.1038/srep36333</a>	Impact Factor: 4.26 Featured in Washington Post
J18*	P-values: Misunderstood and Misused B Vidgen, T Yasseri	<i>Front. Phys.</i> 4:6, 2016 <a href="https://doi.org/10.3389/fphy.2016.00006">https://doi.org/10.3389/fphy.2016.00006</a>	Impact Factor: 2.37
J17*	Understanding Human-Machine Networks: A Cross-Disciplinary Survey M Tsvetkova, T Yasseri, ET Meyer, JB Pickering, V Engen, P Walland, ...	<i>ACM Computing Surveys</i> 50:1, 2017 <a href="https://doi.org/10.1145/3039868">https://doi.org/10.1145/3039868</a>	Impact Factor: 7.99 Highest impact factor among all computer science journals
J16	Characterization of the anisotropy of rough surfaces: Crossing statistics MG Nezhadhighi, SMS Movahed, T Yasseri, SM Allaei	<i>Journal of Applied Physics</i> 122, 085302, 2017. <a href="https://doi.org/10.1063/1.4998436">https://doi.org/10.1063/1.4998436</a>	Impact Factor: 2.32
J15*	<b>Structural Limitations of Learning in a Crowd: Communication Vulnerability and Information Diffusion in MOOCs</b> N Gillani, T Yasseri, R Eynon, I Hjorth	<i>Scientific Reports</i> 4:644, 2014 <a href="https://doi.org/10.1038/srep06447">https://doi.org/10.1038/srep06447</a>	Impact Factor: 5.57
J14*	Can Electoral Popularity be Predicted Using Socially Generated Big Data? T Yasseri, J Bright	<i>it-Information Technology</i> 56 (5), 246-253, 2014 <a href="https://doi.org/10.1515/itit-2014-1046">https://doi.org/10.1515/itit-2014-1046</a>	Impact Factor: 0.63
J13*	Modeling Social Dynamics in a Collaborative Environment G Iñiguez, J Török, T Yasseri, K Kaski, J Kertész	<i>EPJ Data Science</i> 3 (1), 1, 2014 <a href="https://doi.org/10.1140/epjds/s13688-014-0007-z">https://doi.org/10.1140/epjds/s13688-014-0007-z</a>	Impact Factor: 2.98

J12*	The Distorted Mirror of Wikipedia: a Quantitative Analysis of Wikipedia Coverage of Academics A Samoilenko, T Yasseri	<i>EPJ Data Science</i> 3 (1), 2014 <a href="https://doi.org/10.1140/epjds20">https://doi.org/10.1140/epjds20</a>	Impact Factor: 2.98 Featured in the Atlantic
J11*	Early Prediction of Movie Box Office Success based on Wikipedia Activity Big Data M Mestyán, T Yasseri, J Kertész	<i>PloS one</i> 8 (8), e71226, 2013 <a href="https://doi.org/10.1371/journal.pone.0071226">https://doi.org/10.1371/journal.pone.0071226</a>	Impact Factor: 3.53 Featured in Guardian, Times, Le Monde, etc
J10*	Rapid Rise and Decay in Petition Signing T Yasseri, SA Hale, H Margetts	<i>EPJ Data Science</i> . 6(20), 2017 <a href="https://doi.org/10.1140/epjds/s13688-017-0116-6">https://doi.org/10.1140/epjds/s13688-017-0116-6</a>	Impact Factor: 2.98
J9*	Value Production in a Collaborative Environment T Yasseri, J Kertész	<i>Journal of Statistical Physics</i> 151 (3-4), 414-439, 2013 <a href="https://doi.org/10.1007/s10955-013-0728-6">https://doi.org/10.1007/s10955-013-0728-6</a>	Impact Factor: 1.54
J8	Opinions, Conflicts, and Consensus: Modeling Social Dynamics in a Collaborative Environment J Török, G Iñiguez, T Yasseri, M San Miguel, K Kaski, J Kertész	<i>Physical review letters</i> 110 (8), 088701, 2013 <a href="https://doi.org/10.1103/PhysRevLett.110.088701">https://doi.org/10.1103/PhysRevLett.110.088701</a>	Impact Factor: 7.72
J7*	A Practical Approach to Language Complexity: A Wikipedia Case Study T Yasseri, A Kornai, J Kertész	<i>PloS ONE</i> 7 (11), e48386, 2012 <a href="https://doi.org/10.1371/journal.pone.0048386">https://doi.org/10.1371/journal.pone.0048386</a>	Impact Factor: 3.23
J6*	Dynamics of Conflicts in Wikipedia T Yasseri, R Sumi, A Rung, A Kornai, J Kertész	<i>PloS ONE</i> 7 (6), e38869, 2012 <a href="https://doi.org/10.1371/journal.pone.0038869">https://doi.org/10.1371/journal.pone.0038869</a>	Impact Factor: 3.23 Massive press coverage
J5*	Circadian Patterns of Wikipedia Editorial Activity: A Demographic Analysis T Yasseri, R Sumi, J Kertész	<i>PLoS ONE</i> 7 (1), e30091, 2012 <a href="https://doi.org/10.1371/journal.pone.0030091">https://doi.org/10.1371/journal.pone.0030091</a>	Impact Factor: 3.23
J4*	A Monte Carlo Study of Surface Sputtering by Dual and Rotated Ion Beams T Yasseri, R Kree	<i>Nuclear Instruments and Methods in Physics Research B</i> , 268:16, 2010 <a href="https://doi.org/10.1016/j.nimb.2010.05.062">https://doi.org/10.1016/j.nimb.2010.05.062</a>	Impact Factor: 1.26
J3	Simulating Discrete Models of Pattern Formation by Ion Beam Sputtering AK Hartmann, R Kree, T Yasseri	<i>Journal of Physics: Condensed Matter</i> 21, 224015, 2009 <a href="https://doi.org/10.1088/0953-8984/21/22/224015">https://doi.org/10.1088/0953-8984/21/22/224015</a>	Impact Factor: 1.96
J2	Surfactant Sputtering: Theory of a New Method of Surface Nanostructuring by Ion Beams R Kree, T Yasseri, AK Hartmann	<i>Nuclear Instruments and Methods in Physics Research Section B</i> 267:8-9, 2009 <a href="https://doi.org/10.1016/j.nimb.2009.01.150">https://doi.org/10.1016/j.nimb.2009.01.150</a>	Impact Factor: 1.21
J1	The Influence of Beam Divergence on Ion-beam Induced Surface Patterns R Kree, T Yasseri, AK Hartmann	<i>Nuclear Instruments and Methods in Physics Research Section B</i> 267:8-9, 2009 <a href="https://doi.org/10.1016/j.nimb.2009.01.064">https://doi.org/10.1016/j.nimb.2009.01.064</a>	Impact Factor: 1.21

- *Conference Proceedings*

P11*	Engagement and Progression in Open Online 'Micro Lessons': An Analysis of Learners' Log Data from an Online Learning Platform Fatema Akbar and T Yasseri	In Proceedings of the <i>AUBH E-Learning Conference 2021: Innovative Learning &amp; Teaching - Lessons from COVID-19</i> <a href="https://ssrn.com/abstract=3874415">https://ssrn.com/abstract=3874415</a>
P10*	Inspiration, Captivation, and Misdirection: Emergent Properties in Networks of Navigation Online P Gildersleve and T Yasseri	In <i>International Workshop on Complex Networks</i> (pp. 271-282). Springer, Cham, 2018 <a href="https://doi.org/10.1007/978-3-319-73198-8_23">https://doi.org/10.1007/978-3-319-73198-8_23</a>

P9*	<p>Tweeting for the cause: Network analysis of UK e-petition sharing P Cihon, T Yasseri, S Hale, H Margetts</p>	<p>In <i>The Internet, Policy &amp; Politics Conference</i> (pp1-30), 2016. <a href="http://blogs.oii.ox.ac.uk/ipp-conference/sites/ipp/files/documents/Cihon%2520et%2520al.%2520IPP2016.pdf">http://blogs.oii.ox.ac.uk/ipp-conference/sites/ipp/files/documents/Cihon%2520et%2520al.%2520IPP2016.pdf</a></p>
P8	<p>Human-Machine Networks: Towards a Typology and Profiling Framework AW Eide, JB Pickering, T Yasseri, G Bravos, A Følstad, V Engen, ...</p>	<p>In Kurosu M. (eds) <i>Human-Computer Interaction. Theory, Design, Development and Practice. Lecture Notes in Computer Science</i>, 9731. Springer, 2016 <a href="https://doi.org/10.1007/978-3-319-39510-4_2">https://doi.org/10.1007/978-3-319-39510-4_2</a></p>
P7	<p>Investigating Political Participation and Social Information Using Big Data and a Natural Experiment SA Hale, P John, HZ Margetts, T Yasseri</p>	<p>APSA Annual Meeting Paper, 2014 <a href="https://ssrn.com/abstract=2454570">https://ssrn.com/abstract=2454570</a></p>
P6	<p>Mapping the UK WebSpace: Fifteen Years of British Universities on the Web SA Hale, T Yasseri, J Cows, ET Meyer, R Schroeder, H Margetts</p>	<p>In Proceedings of the <i>ACM conference on Web science</i>, 62-70, 2014 <a href="https://doi.org/10.1145/2615569.2615691">https://doi.org/10.1145/2615569.2615691</a></p>
P5	<p>'Vote Me Up If You Like My Ideas!' Experiences of Learning in a MOOC R Eynon, I Hjorth, N Gillani, T Yasseri</p>	<p>In Proceedings of the <i>International Communications Association Pre-Conference, Innovation in Higher Education: Building a Better Future?</i>, 2014 <a href="http://dx.doi.org/10.2139/ssrn.2439571">http://dx.doi.org/10.2139/ssrn.2439571</a></p>
P4*	<p>Temporal Analysis of Activity Patterns of Editors in Collaborative Mapping Project of OpenStreetMap T Yasseri, G Quattrone, A Mashhadi</p>	<p>In Proceedings of the <i>9th International Symposium on Open Collaboration</i>, 2013 <a href="https://doi.org/10.1145/2491055.2491068">https://doi.org/10.1145/2491055.2491068</a></p>
P3	<p>Petition Growth and Success Rates on the UK No. 10 Downing Street Website SA Hale, H Margetts, T Yasseri</p>	<p>In Proceedings of the <i>5th annual ACM web science conference</i>, 132-138, 2013 <a href="https://doi.org/10.1145/2464464.2464518">https://doi.org/10.1145/2464464.2464518</a></p>
P2*	<p><b>Edit wars in Wikipedia</b> R Sumi, T Yasseri, A Rung, A Kornai, J Kertész</p>	<p>In Proceedings of <i>IEEE Third International Conference on Social Computing</i>, 2011 <a href="https://doi.org/10.1109/PASSAT/SocialCom.2011.47">https://doi.org/10.1109/PASSAT/SocialCom.2011.47</a></p>
P1*	<p><b>Characterization and Prediction of Wikipedia Edit Wars</b> R Sumi, T Yasseri, A Rung, A Kornai, J Kertész</p>	<p>In Proceedings of the <i>ACM WebSci'11</i>, pp. 1-3, 2011 <a href="http://eprints.sztaki.hu/8233/1/websciabs.pdf">http://eprints.sztaki.hu/8233/1/websciabs.pdf</a></p>

- *Book Chapters*

C5	<p>Analysing the UK Web Domain and Exploring 15 Years of UK Universities on the web E Meyer, T Yasseri, S Hale, J Cows, R Schroeder, H Margetts.</p>	<p>In <i>The Web as History</i>, Edited by Niels Brügger and Ralph Schroeder, UCL Press, 2017. <a href="https://doi.org/10.25969/mediarep/12515">https://doi.org/10.25969/mediarep/12515</a></p>	
C4	<p>Understanding Communication Patterns in MOOCs: Combining Data Mining and Qualitative Methods R Eynon, I Hjorth, T Yasseri, N Gillani</p>	<p>In <i>Data Mining and Learning Analytics: Applications in Educational Research</i>, Edited by S. ElAtia, D. Ipperciel, and O. Zaïane, Wiley, 2016 <a href="https://doi.org/10.1002/9781118998205.ch12">https://doi.org/10.1002/9781118998205.ch12</a></p>	
C3*	<p><b>The most Controversial Topics in Wikipedia: A Multilingual and Geographical Analysis</b> T Yasseri, A Spoerri, M Graham, J Kertész</p>	<p>In <i>Global Wikipedia: International and Cross-Cultural Issues in Online Collaboration</i>, Fichman P., Hara N., eds., Rowman &amp; Littlefield Publishers, 2014 <a href="http://dx.doi.org/10.2139/ssrn.2269392">http://dx.doi.org/10.2139/ssrn.2269392</a></p>	<p>Featured in Economist, CNN, BBC, Wired.</p>
C2	<p>Big Data and Collective Action H Margetts, SA Hale, T Yasseri</p>	<p>In <i>Society and the Internet: How information and social networks are changing our lives</i>, Edited by M. Graham and W.H. Dutton, Oxford University Press, 2014 <a href="http://doi.org/10.1093/acprof:oso/9780199661992.003.0015">http://doi.org/10.1093/acprof:oso/9780199661992.003.0015</a></p>	
C1	<p>From Cascades to Patterns: A Monte Carlo Approach. R Kree, T Yasseri</p>	<p>In <i>Nanofabrication by Ion-Beam Sputtering: Fundamentals and Applications</i>, Edited by T Som, D Kanjilal, CRC Press, 2012 <a href="https://doi.org/10.1201/B13726-9">https://doi.org/10.1201/B13726-9</a></p>	

## Under Review

U13*	What drives passion? An empirical examination on the impact of personality trait inter-actions and job environments on work passion A Kreil, A Tumasjan, T Yasseri, I Welpé	Preprint available: <a href="https://arxiv.org/abs/2101.01270">https://arxiv.org/abs/2101.01270</a>
U12*	Credit Crunch: The Role of Household Lending Capacity in the Dutch Housing Boom and Bust 1995-2018 M Schellekens, T Yasseri	Preprint available: <a href="https://arxiv.org/abs/2101.00913">https://arxiv.org/abs/2101.00913</a>
U11*	The cost of coordination can exceed the benefit of collaboration in performing complex tasks V Straub, M Tsvetkova, T Yasseri	Preprint available: <a href="https://arxiv.org/abs/2009.11038">https://arxiv.org/abs/2009.11038</a>
U10*	Can the Wikipedia moderation model rescue the social marketplace of ideas? T Yasseri, Filippo Menczer	Preprint available: <a href="https://arxiv.org/abs/2104.13754">https://arxiv.org/abs/2104.13754</a>
U8*	Football is Becoming Boring; Network Analysis of 88 Thousands Matches in 11 Major Leagues VM Maimone, T Yasseri	Preprint available: <a href="https://arxiv.org/abs/1908.08991">https://arxiv.org/abs/1908.08991</a>
U6*	The Kaleidoscope of Privacy: Differences across French, German, UK, and US GDPR Media Discourse M Sanford, T Yasseri	Preprint available: <a href="https://arxiv.org/abs/2104.04074">https://arxiv.org/abs/2104.04074</a>
U5*	Female Scholars Need to Achieve More for Equal Public Recognition, M Schellekens, F Holstegeb, T Yasseri	Preprint available: <a href="https://arxiv.org/abs/1904.06310">https://arxiv.org/abs/1904.06310</a>
U4*	Fooling with Facts: Quantifying Anchoring Bias through a Large-scale Online Experiment T Yasseri, J Reher	Preprint available: <a href="https://arxiv.org/abs/1911.12275">https://arxiv.org/abs/1911.12275</a>
U2*	Social Media, Money, and Politics: Campaign Finance in the 2016 US Congressional Cycle L McElwee, T Yasseri	Preprint available: <a href="https://arxiv.org/abs/1711.10380">https://arxiv.org/abs/1711.10380</a>
U1*	What Happens After You Both Swipe Right: A Statistical Description of Mobile Dating Communications J Zhang, T Yasseri	Preprint available: <a href="https://arxiv.org/abs/1607.03320">https://arxiv.org/abs/1607.03320</a>

## Miscellaneous (non-peer-reviewed – Collectively more than 130,000 reads)

M15*	Social media is reducing climate change debates to your views on veganism T Yasseri, M Sanford	The Conversation, Oct 2021, <a href="https://theconversation.com/social-media-is-reducing-climate-change-debates-to-your-views-on-veganism-167931">https://theconversation.com/social-media-is-reducing-climate-change-debates-to-your-views-on-veganism-167931</a> > 3,000 views
M14*	Using network analysis to understand and predict the Parliament's Brexit Shenanigans C Intal, T Yasseri	BMC On Physical Sciences, June 2021, <a href="https://blogs.biomedcentral.com/on-physicalsciences/2021/06/23/brexit-shenanigans/">https://blogs.biomedcentral.com/on-physicalsciences/2021/06/23/brexit-shenanigans/</a>
M13*	How sex work has been affected by the pandemic T Yasseri	The Conversation, May 2021, <a href="https://theconversation.com/how-sex-work-has-been-affected-by-the-pandemic-160736">https://theconversation.com/how-sex-work-has-been-affected-by-the-pandemic-160736</a> > 24,000 reads
M12*	Mining public opinion: why unsuccessful online petitions should not be ignored T Yasseri	LSE British Policy and Politics Blog, July 2020, <a href="https://blogs.lse.ac.uk/politicsandpolicy/mining-petitions/">https://blogs.lse.ac.uk/politicsandpolicy/mining-petitions/</a>
M11*	A more guided visit – how to reopen museums and galleries safely T Yasseri	The Conversation, July 2020, <a href="https://theconversation.com/a-more-guided-visit-how-to-reopen-museums-and-galleries-safely-141819">https://theconversation.com/a-more-guided-visit-how-to-reopen-museums-and-galleries-safely-141819</a> , >3,200 views

M10*	Dominic Cummings: how the internet knows when you've updated your blog T Yasseri	The Conversation, May 2020, <a href="https://theconversation.com/dominic-cummings-how-the-internet-knows-when-youve-updated-your-blog-139517">https://theconversation.com/dominic-cummings-how-the-internet-knows-when-youve-updated-your-blog-139517</a> >19,000 views
M9	How we built a tool that detects the strength of Islamophobic hate speech on Twitter B Vidgen and T Yasseri	The Conversation, Jan 2019, <a href="https://theconversation.com/how-we-built-a-tool-that-detects-the-strength-of-islamophobic-hate-speech-on-twitter-102536">https://theconversation.com/how-we-built-a-tool-that-detects-the-strength-of-islamophobic-hate-speech-on-twitter-102536</a> >8,000 views
M8*	Never mind killer robots – even the good ones are scarily unpredictable T Yasseri	The Conversation, Aug 2017, <a href="https://theconversation.com/never-mind-killer-robots-even-the-good-ones-are-scarily-unpredictable-82963">https://theconversation.com/never-mind-killer-robots-even-the-good-ones-are-scarily-unpredictable-82963</a> >37,000 views
M7*	The internet is enabling scientists to understand how 'collective memory' works T Yasseri	The Conversation, Apr 2017, <a href="https://theconversation.com/the-internet-is-enabling-scientists-to-understand-how-collective-memory-works-75883">https://theconversation.com/the-internet-is-enabling-scientists-to-understand-how-collective-memory-works-75883</a> >8,000 views
M6	Social Media and News Sources during the 2017 UK General Election John D Gallacher, M Kaminska, B Kollanyi, T Yasseri, PN Howard	<a href="#">COMPROP Data Memo 2017.6 / 5 JUNE 2017</a>
M5*	Using Wikipedia as PR is a problem, but our lack of a critical eye is worse T Yasseri	The Conversation, Sep 2015, <a href="https://theconversation.com/using-wikipedia-as-pr-is-a-problem-but-our-lack-of-a-critical-eye-is-worse-47045">https://theconversation.com/using-wikipedia-as-pr-is-a-problem-but-our-lack-of-a-critical-eye-is-worse-47045</a> >17,000 views
M4*	Wikipedia sockpuppetry: linking accounts to real people is pure speculation T Yasseri	The Conversation, Apr 2015, <a href="https://theconversation.com/wikipedia-sockpuppetry-linking-accounts-to-real-people-is-pure-speculation-40670">https://theconversation.com/wikipedia-sockpuppetry-linking-accounts-to-real-people-is-pure-speculation-40670</a> >1900 Views
M3	The Use of Social Media for Research and Analysis: a Feasibility Study J Bright, H Margetts, SA Hale, T Yasseri	<a href="#">Report of research carried out by the Oxford Internet Institute on behalf of the Department for Work and Pensions, 2014</a>
M2	Conceptualising Interaction and Learning in MOOCs R Eynon, N Gillani, I Hjorth, T Yasseri	MOOC Research Initiative Final Report, 2014
M1*	Nanoscale Pattern Formation on Ion-sputtered Surfaces T Yasseri	<a href="#">PhD Thesis, 2010</a>