

Curriculum Vitae

TAHA YASSERI

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Publications: 47, Citations: 747, h-index: 16, g-index: 27, Distinct Co-authors: 46, Erdős number: 3.

CURRENT POSITIONS

- Research Fellow in Computational Social Science,
Convener of the Departmental Seminars and Colloquia,
Oxford Internet Institute, University of Oxford, Oxford, UK. Jan 2015 –
- Faculty Fellow,
Alan Turing Institute for Data Science, London, UK. May 2016 –
- Research Fellow in Humanities and Social Sciences,
Wolfson College, University of Oxford, Oxford, UK. Oct 2016 –

PAST EXPERIENCE

- Big Data Research Officer, Oxford Internet Institute, University of Oxford, Oxford, UK. Nov 2012 - Dec 2014
- Post-doctoral Researcher, Department of Theoretical Physics, Budapest University of Technology and Economics, Hungary. Sep 2010 - Oct 2012
- Post-doctoral Researcher, Institute for Theoretical Physics, Georg-August-Universität Göttingen, Germany. Feb 2010 - Jul 2010
- Doctoral Researcher, Institute for Theoretical Physics, Georg-August-Universität Göttingen, Germany. Jan 2007 - Jan 2010

EDUCATION

- *PhD*, Physics,
Faculty of Physics, Georg-August-Universität, Göttingen, Germany. Jan 2007 - Jan 2010
THESIS: Nanoscale pattern formation on ion-sputtered surfaces.
(Adviser: Prof. Dr. R. Kree, Co-adviser: Prof. Dr. A.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.
(Adviser: Prof. Dr. M. Reza Rahimi Tabar)
- *BSc*, Physics,
Department of Physics, Sharif University of Technology, Tehran, Iran. Sep 2002 - Jul 2005

SKILLS

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

EXTERNAL RESEARCH FUNDING (Grand Total ~ \$850,000)

- Semantic map of sexism: topic modelling of the Everyday Sexism content, from John Fell OUP Research Fund, £7,499 (2015).
- 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).
- 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 COURSES

- Supervising Doctoral Students, Oxford Learning Institute, University of Oxford, March 2016.
- Workshop on Time-Dependent and Multiplex Networks, Mathematical Institute, University of Oxford, July 2013.
- Tutorial on Experiments with Crowd Sourced Subjects, Centre for Experimental Social Sciences, Nuffield College, University of Oxford, February 2013.
- Aalto Complex Networks Factory Summer School, Porvoo, Finland, June 2012.
- International school and conference on network science, Central European University, Budapest, Hungary, June 2011.
- Workshop on modern methods of time series analysis and applications in physics and econophysics, Sharif University of Technology, Tehran, Iran, July 2010.
- NanoSteps, Self-organized nano-structures on crystal surfaces, Institut d'études Scientifiques de Cargèse France, June 2008.
- Interfaces between physics and computer science, Jacobs University Bremen, Germany, June 2007.
- Complex Systems and Non-extensive Statistical Mechanics, the Abdus Salam Int. Center for Theo. Physics, Trieste, Italy, August 2006.
- Cosmology School, Institute for Research in Fundamental Science, Tehran, Iran, August 2004.
- An Introductory Course on Computational Neuroscience/ Visual Psychophysics, Institute for Research in Fundamental Sciences, Tehran, Iran, 2004-2005 (6 months).

INVITED TALKS (42 Talks)

- EdTech Winter School: Emerging trends and new horizons in the study of education and technology, Montevideo, Uruguay, July 2017.
- Oxford Internet Institute Summer Doctoral Programme, Oxford, UK, July 2017.
- The Oxford Summer School in Economic Networks, Oxford, UK, June 2017.
- Computational Social Science London Initiative, University College London, UK, March 2017.
- Complexity Seminars, Institute for New Economic Thinking, Oxford, UK, February 2017.
- Data Beers, London, 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
- Nuffield College and OII Social Network Analysis Seminar, University of Oxford, Oxford, UK, Nov. 2012.
- 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 (50 Contributions)

- 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. (TALK)
- 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.

MENTORSHIPS (23 Supervisees)

- Graduate Student Visitor: Annika Kreil, Relationship between personality traits and work performance inferred from online data, Oxford Internet Institute, University of Oxford, 2017 (4 months).
- Research Assistant: William Mulligan, HUMANE: a typology, method and roadmap for HUMAN-MACHINE NETWORKS, Oxford Internet Institute, University of Oxford, 2017.
- Research Assistant: Magdalena Halina, HUMANE: a typology, method and roadmap for HUMAN-MACHINE NETWORKS, Oxford Internet Institute, University of Oxford, 2017.
- MSc Student: Olga Kokoulina, thesis: TBD, Oxford Internet Institute, University of Oxford, 2016-2018.
- MSc Student: Lily McElwee, Social Media and Campaign Finance in the 2016 US Congressional Cycle, Oxford Internet Institute, University of Oxford, 2016-2017.
- PhD Student: Patrick Gildersleve, Complex Network Analysis of the Impact of Breaking News Stories on Wikipedia Page Networks, Oxford Internet Institute, University of Oxford, 2016-2019.
- Doctoral Student Visitor: Talayeh Aledavood, Studying Human Behavioural Patterns from Digital Data, Oxford Internet Institute, University of Oxford, 2016 (8 weeks).
- Doctoral Student Visitor: Anders Møllgaard, Memory in Digital Age, Oxford Internet Institute, University of Oxford, 2016 (6 weeks).
- PhD Student: Bertram Vidgen, Far-right extremism in online contexts, Oxford Internet Institute, University of Oxford, 2015-2018.
- MSc Student: Judith Dada, Interacting with and learning from interactively visualised data, Oxford Internet Institute, University of Oxford, 2015-2016.
- MSc Student: Daniel Elisha Rachovitsky, TBD, Oxford Internet Institute, University of Oxford, 2015-2016.
- Research Assistant: Sophie Melville, Semantic map of sexism: topic modelling of the Everyday Sexism content, Oxford Internet Institute, University of Oxford, 2015-2016.
- Postdoctoral Researcher: Ruth García, Collective Memory in the Digital Age: Understanding Forgetting on the Internet, Oxford Internet Institute, University of Oxford, 2015-2016.
- Postdoctoral Researcher: Milena Tsvetkova, HUMANE: a typology, method and roadmap for HUMAN-MACHINE NETWORKS, Oxford Internet Institute, University of Oxford, 2015-2016.
- Data Scientist: Scott Hale, The Gorongosa Trail Camera Citizen Science Project, Oxford Internet Institute, University of Oxford, 2015-2016.
- Research Assistant: Khairunnisa Haji Ibrahim, Taxonomy and Ecology of Contributions to Zooniverse, the Citizen Science Project, 2014-2015.
- Research Assistant: Samuel Khodursky, Taxonomy and Ecology of Contributions to Zooniverse, the Citizen Science Project, 2014-2015.
- Research Assistant: Eve Ahearn, Big data and election prediction: analysing online information seeking during the European Parliament elections, Oxford Internet Institute, University of Oxford, 2014-2015.
- MSc Student: Jennie Zhang, Matchmaking in the Digital Age: A Quantitative Analysis of Communication Patterns Between Mobile Dating Users, Oxford Internet Institute, University of Oxford, 2014-2015.
- MSc Student: Pu Yang, Semantic Network Analysis of Guanxi on Twitter and Tencent, Oxford Internet Institute, University of Oxford, 2014-2015.

- MSc Student: Joao Fiadeiro, Wikipedia as a co-authorship community: exploring the dynamics of collaboration and article quality, Oxford Internet Institute, University of Oxford, 2012-2013.
- MSc Student: Anna Samoilenko, How comprehensive and reliable is Wikipedia in representing academic effort?, Oxford Internet Institute, University of Oxford, 2012-2013.
- BSc Student: Márton Mestyán, Forecasting, by using info-communications data, Faculty of Natural Science, Budapest University of Technology and Economics, 2012.

TEACHING (12 Term-courses)

- **University of Oxford, MSc in Social Science of the Internet**
Online Social Networks, Big Data Analytics, Simulating Society, Social Research Methods and the Internet
- **University of Oxford, Undergraduate Tutorial**
Social Media and Network Analysis, Williams-Exeter Programme, Exeter College.

REVIEWED for

Science, Nature Scientific Reports, PLoS ONE, Journal of Complex Networks, New Media & Society, Big Data & Society, 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, 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, Social Science Computer Review, Scientometrics.

SCIENTIFIC SERVICE

- General Chair of the 9th International Conference on Social Informatics (SocInfo 2017), Oxford, UK, September 2017.
- Programme Committee Member of the 3rd International Conference on Computational Social Science, Cologne, Germany, July 2017.
- Senior Program Committee member, International School and Conference on Network Science, Indianapolis, US, June 2017.
- Senior Program Committee member, The International AAAI Conference on Web and Social Media, Montreal, Canada, May 2017.
- Organizer of the Everyday Sexim Datahack, Oxford, UK, November 2016.
- Co-convener of the OxCrowd Network, University of Oxford, UK, 2015-present.
- Organizing Committee member of Computational Social Science, Satellite Workshop to CCS'2016, Amsterdam, The Netherlands, September 2016.
- Programme Committee member of the 9th International Conference on Geographic Information Science, Montreal, Canada, September 2016.
- Programme Committee member of the International Symposium on Open Collaboration, Berlin, Germany, August 2016.
- Programme Committee Officer of the 2nd International Conference on Computational Social Science, Evanston, USA, June 2016.

- Senior Programme Committee member of the 10th International AAAI Conference on Web and Social Media, Cologne, Germany, May 2016.
- Organizing Committee member of Computational Social Science, Satellite Workshop to CCS'2015, Tempe, Arizona, October 2015.
- Programme Committee member of The 26th ACM Conference on Hypertext and Social Media, Cyprus, September 2015.
- Programme Committee member of The European Conference on Data Analysis, Colchester, UK, September 2015.
- Programme Committee member of The International Symposium on Open Collaboration (OpenSym) San Francisco, CA, August 2015.
- Associate Editor of Frontiers in Digital Humanities, Big Data, Since June 2015.
- Organizing Committee member of the ACM Web Science Conference workshop #FAIL!, Oxford, UK, June 2015.
- Organizing Committee member of the 1st ICWSM Science Slam, Oxford, UK, June 2015.
- Programme Committee member of the International Conference on Network Science, Zaragoza, Spain, June 2015.
- Organizing Committee member of Computational Social Science, Satellite Workshop to NetSci2015, Zaragoza, Spain, June 2015.
- Guest Editor of “Research Topic” in Frontiers in Interdisciplinary Physics: At the crossroads: lessons and challenges in Computational Social Science, 2015.
- Programme Committee member of the International Conference on Computational Social Science, Helsinki, Finland, June 2015.
- Programme Committee member of The 5th workshop on 'Making Sense of Microposts', World Wide Web Conference, Florence, Italy, May 2015.
- Programme Committee member of the Quantifying Success 2.0 Satellite Workshop to ECCS'2014, Lucca, Italy, September 2014.
- Organizing Committee member of Computational Social Science, Satellite Workshop to ECCS'2014, Lucca, Italy, September 2014.
- Programme Committee member of WikiSym + OpenSym, the Joint International Symposium on Open Collaboration, Berlin, Germany, August 2014.
- Editorial Board member of Frontiers in Interdisciplinary Physics, since April 2013.
- Editorial Board member of the Journal of Data Mining and Digital Humanities, since May 2013.
- Organizing Committee member of Computational Social Science: from Social Contagion to Collective Behaviour, Satellite Workshop to ECCS'2013, Barcelona, Spain, September 2013.
- Programme Committee member of WikiSym + OpenSym, the Joint International Symposium on Open Collaboration, Hong Kong, August 2013.
- Programme Committee member of the 7th international AAAI conference on weblogs and social media, Boston, USA, July 2013.
- Active contributor to the Wikimedia Research Newsletter, since 2012.
- Programme Committee member of IEEE international conference on Social Computing, Amsterdam, The Netherlands, September 2012.

- Programme Committee member of The Second International Conference on Digital Information and Communication Technology and its Applications, Bangkok, Thailand, May 2012.
- Administrator and Overseer of Wikipedia, the Wiki project of Wikimedia Foundation, 2010-2012.
- Reviewer of Wikimania 2010 Conference, Gdańsk, Poland, July 2010.
- Programme Committee member of International Multi-Conference on Complexity, Informatics and Cybernetics: Orlando, Florida USA, April 2010 and March 2011.
- Academic Marker of the 38th International Physics Olympiad: IPHO 2007, July 2007, Isfahan, Iran.
- Member of Scientific Committee of UNESCO International Physics Year in Iran, 2005.

PRIVATE TRAINING and CONSULTANCY SERVICES

- *Training Session*; Big Data and Understanding Societies, Service and Leadership Programme of the Hong Kong Jockey Club, Oxford, UK (2016).
- *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).
- *Training Session*; Big Data, an Introduction, for Grant Thornton UK LLP, Bradenham, UK (2013).
- *Training Session*; IT Hot Topics: Big Data, for Midlands chapter of the Chartered Institute of Internal Auditors, Birmingham, UK (2013).

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.