

Stefano Balietti

Postdoc Researcher

Chair of Data Science
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🌐 stefanobalietti.com
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🌐 nodegame.org
🐦 [@balietti](https://twitter.com/balietti)

Short Summary

I am a *postdoc researcher* at the Chair of Data Science in the Economic and Social Sciences.

Previously, I was at the Mannheim Center for European Social Science Research (MZES), the Alfred-Weber Institute of Economics at Heidelberg University, Microsoft Research Computational Social Science NYC, the Northeastern Network Science Institute, the Harvard Institute for Quantitative Social Science, and ETH Zürich.

My methodology brings together AI, network analysis, and behavioral experimentation.

Research Interests

- Consensus formation, social influence, and polarization.
- Governance in blockchain systems.
- Incentives schemes for collective intelligence, in particular peer review systems.
- Inequality, perception thereof and its consequences.
- Optimal experimental design, Bayesian optimization with Gaussian processes.
- Philosophy of science, in particular Paul Feyerabend's body of work.

Open Source

I am an active *open source developer*. Since 2011, I have been working on nodeGame (<https://www.nodegame.org>), the first JavaScript platform for conducting real-time online group-behavior experiments. Previously, I have been project leader of the QScience platform for the QLectives project.

State of Crypto

In 2021, I have co-founded the State of Crypto initiative (<https://www.stateofcrypto.net>), an interdisciplinary network of academic researchers with the mission to better understand crypto as a complex cultural, social, technical, and economic system.

EduCERT

In 2025, I have started EduCERT (<https://www.educert.xyz>) with the goal of extending existing digital teaching formats and establishing new formats at the University of Mannheim. Aimed at issuing digital badges of academic achievements on public blockchains, the project is part of the of InnoMA project “Public Blockchains Enabled Classroom” with partial support by [Stiftung Innovation in der Hochschullehre](#).

Professional Experience

- 01/09/2022 - current
Postdoc researcher at the Chair of Data Science in the Economic and Social Sciences at Mannheim University.
- 01/07/2019 - 31/08/2022
Fellow at the Department of Sociology of the Mannheim Center for European Social Research (MZES)
Postdoc at the Alfred Weber Institute of Economics at Heidelberg University
- 23/07/2018 - 30-06/2019
Postdoc researcher at Microsoft Research Computational Social Science NYC
- 1/01/2016 - 22/7/2018
Postdoc at the Network Science Institute Northeastern University
Fellow at the Harvard Institute for Quantitative Social Science (IQSS)
- 23/07/2015 - 31/12/2015
Postdoc in the group of Computational Social Science at ETH Zürich

Education

- 20/11/2011 - 22/07/2015
PhD in Computational Social Science ETH Zürich. (advisor Prof. Dirk Helbing)
- *Dissertation Title*: “The Complex Systems of Science: Computer simulations, laboratory and online experiments.”
- *Co-examiners*: Prof. Robert L. Goldstone (Indiana University), Prof. Andreas Flache (University of Groningen)
- 17/08/2009 - 20/11/2011
Research Assistant at the Chair of Sociology in particular Modelling and Simulation ETH Zürich
- 01/12/2005 - 04/07/2008
MA Economics and Corporate 1st Class (Final grade: 110/110 cum laude)
- 01/07/2002 - 29/11/2005
Internet Science Degree 1st Class (Final grade: 110/110 cum laude)
- 01/07/1998 - 01/07/2002
Scientific Liceo FM Campana (Final grade: 100/100)

Selected Publications

- S. Kitzler, S. Balietti, P. Saggese, B. Haslhofer, and M. Strohmaier
“The Governance of Decentralized Autonomous Organizations: A Study of Contributors’ Influence, Networks, and Shifts in Voting Power” *Financial Cryptography and Data Security 2024* 🌐
- S. Balietti, L. Getoor, D. Goldstein, and D. Watts (2021)
“Reducing Opinion Polarization: Effects of Exposure to Similar People with Differing Political Views” *Proceedings of the National Academy of Sciences (PNAS)* 118 (52) e2112552118 🌐
- S. Balietti and C. Riedl (2021)
“Incentives, Competition, and Inequality in Markets for Creative Production” *Research Policy* 50(4) 104212 🌐
- S. Balietti, B. Klein and C. Riedl (2021)
“Optimal Design of Experiments to Identify Latent Behavioral Types” *Experimental Economics* Volume 24, pp. 772–799 🌐

S. Balietti, R.L. Goldstone, and D. Helbing (2016)

“Peer Review and Competition in the Art Exhibition Game” *Proceedings of the National Academy of Sciences (PNAS)* Volume 113, Number 30 8414-8419 

Languages

Italian (mother tongue), English (fluent), Spanish—Castilian (fluent), German (intermediate), Romanian (intermediate), Swedish (basic), Norwegian (basic).

References

Additional information about me and letter of references can be requested from the following referees:

Name	Institution	Relationship	Email
Prof. Dirk Helbing	ETH Zürich	PhD Supervisor	dirk.helbing@ethz.ch
Prof. Robert Goldstone	Indiana University	PhD Co-examiner	rgoldsto@indiana.edu
Prof. Christoph Riedl	Northeastern University	Postdoc Advisor	c.riedl@neu.edu
Prof. David Lazer	Northeastern University	Postdoc Advisor	davelazer@gmail.com
Prof. Duncan Watts	Univ. of Pennsylvania	Postdoc Advisor	djwatts@seas.upenn.edu
Prof. M. Strohmaier	Mannheim University	Postdoc Advisor	markus.strohmaier@uni-mannheim.de

Currently Under Review

2025

S. Balietti, C. Celebi, and D. Tercero-Lucas

From Crypto to NTFs: Identifying the New Wave Of Digital Investors? [*R&R International Review of Financial Analysis*] 


Amir Tohidi, S. Balietti, Samuel Fraiberger, and Anca Balietti

Divergence Between Predicted and Actual Perception of Climate Information [*R&R PNAS Nexus*]

Publications


2024

S. Kitzler, S. Balietti, P. Saggese, B. Haslhofer, and M. Strohmaier


“The Governance of Decentralized Autonomous Organizations: A Study of Contributors’ Influence, Networks, and Shifts in Voting Power” Forthcoming in *Financial Cryptography and Data Security 2024* 

2022

S. Balietti

“From Online Experiments to Big Experimental Data” *Forthcoming in: T. Yasseri (Ed.), Handbook of Computational Social Science (2025). Edward Elgar Publishing Ltd.* 


2021 S. Balietti, L. Getoor, D. Goldstein, and D. Watts

“Reducing Opinion Polarization: Effects of Exposure to Similar People with Differing Political Views” *Proceedings of the National Academy of Sciences (PNAS)* 118 (52) e2112552118 

S. Balietti

“Does Your Experiment Smell?” *Communications of the ACM* Vol. 64 No. 9, Page 107 


S. Balietti and C. Riedl

“Incentives, Competition, and Inequality in Markets for Creative Production” *Research Policy* 50(4) 104212 


S. Balietti, B. Klein and C. Riedl

“Optimal Design of Experiments to Identify Latent Behavioral Types” *Experimental Economics* Volume 24, pp. 772–799 


2020 S. Balietti

“The Human Quest for Discovering Mathematical Beauty in the Arts” *Proceedings of the National Academy of Sciences (PNAS)* Volume 117, Issue 44, pp. 27073-27075 

2018 H.H. Nax, S. Balietti, R.O. Murphy, and D. Helbing

“Adding noise to the Institution: An Experimental Welfare Investigation of the Contribution-Based Grouping Mechanism” *Social Choice and Welfare* Volume 50, Issue 2, pp. 213-245 

2017 B. Anderson, T. Bernauer and S. Balietti

“Effects of Fairness Principles on Willingness to Pay for Climate Change Mitigation” *Climatic Change* Volume 142, Issue 3-4, pp. 447-461 

S. Balietti

“nodeGame: Real-Time, Synchronous, Online Experiments in the Browser” *Behavior Research Methods* Volume 49, Issue 5, pp. 1696–1715 

2016 S. Balietti, R.L. Goldstone, and D. Helbing

“Peer Review and Competition in the Art Exhibition Game” *Proceedings of the National Academy of Sciences (PNAS)* Volume 113, Number 30 8414-8419 

- 2015** [S. Ballelli](#), M. Mäs, D. Helbing
“On Disciplinary Fragmentation and Scientific Progress” *PLoS ONE* 10(3): e0118747. 🌐
- 2012** D. Helbing, [S. Ballelli](#)
“Agent-Based Modeling” in *Social Self-Organization*. Series: Understanding Complex Systems. Helbing, Dirk (Ed.) Springer, 25–70. 🌐
- 2011** D. Helbing, [S. Ballelli](#), S. Bishop and P. Lukowicz
“Understanding, Creating, and Managing Complex Techno-Socio-Economic Systems: Challenges and Perspectives” *The European Physical Journal - Special Topics*. Volume 195, Number 1, 165–186 🌐
- D. Helbing and [S. Ballelli](#)
“From Social Data Mining to Forecasting Socio-Economic Crises” *The European Physical Journal - Special Topics*. Volume 195, Number 1, 3–68. 🌐
- D. Helbing and [S. Ballelli](#)
“From Social Simulation to Integrative System Design” *The European Physical Journal - Special Topics*. Volume 195, Number 1, 69–100. 🌐
- D. Helbing and [S. Ballelli](#)
“How to Create an Innovation Accelerator” *The European Physical Journal - Special Topics*. Volume 195, Number 1, 101–136. 🌐
- 2010** D. Helbing and [S. Ballelli](#)
“Fundamental and Real-World Challenges in Economics” *Science and Culture* 76(9-10), 399–417. 🌐

Working Papers

- [S. Ballelli](#), D. Thurgood, F.Meir, and M. Tonneau
Persuasiveness and Framing of LLMs in Climate Change News Stories
- [S. Ballelli](#), R. Freeman
Distribution Builder: Preferences over Wealth Distributions
- [S. Ballelli](#)
Tournaments for Collective Intelligence: a Survey of the Literature
- [S. Ballelli](#), B. Jäeggli and K. Axhausen
Efficiency Gains in Coordination in Information Poor Environments
- [S. Ballelli](#)
Against Peer Review: A Critical Interpretation of Paul Feyerabend’s Philosophy Applied to the Case of Scholarly Peer Review

Tech Reports

- 2023** [S. Ballelli](#), Can Celebi, David Tercero-Lucas, Myryam Kassoul
State of Crypto: The Socio-Political Landscape of the Community. 🌐

Teaching

- Semester course “Public Blockchains - Solidity Programming”, Uni Mannheim Spring 23,24,25
- Team Project “Development of a Dashboard for Networks of NFT communities”, Uni Mannheim Spring 24
- Graduate course “Advanced Data Science Lab I (Networks)”, Uni Mannheim Fall 22,23
- Team Project “Development of a Survey Platform on the Blockchain”, Uni Mannheim Spring 23
- Seminar “Advances in Public Blockchains”, Uni Mannheim Fall 22,23
- Course “Public Blockchains,” @ Uni Mannheim, Germany
- Course “Advanced Data Science Lab (Networks),” @ Uni Mannheim, Germany

- Seminar “Advances in Public Blockchains,” @ Uni Mannheim, Germany
- Block course “App Development,” 11-20 May 2022 @ University of Luzern, Switzerland
- Seminar “Blockchain Economics and Radical Markets,” Spring Semester 2022 @ Heidelberg and Mannheim University Development,” 10-19 Nov 2021 @ University of Luzern, Switzerland
- Course “Design and Implementation of Online Behavioral Research,” Fall semester 2021 @ Uni Mannheim, Germany
- Block course “App Development,” 5-14 May 2021 @ University of Luzern, Switzerland
- Seminar “Blockchain Economics and Radical Markets,” Spring semester 2021 @ Heidelberg and Mannheim University, Germany
- Course “Design and Implementation of Online Behavioral Experiments,” Fall semester 2020 @ Uni Mannheim, Germany
- Guest Lecture “Experiments in Computational Social Science: Creativity, Innovation, Feeling of Closeness, and Polarization,” 13 Oct 2020 @ Computational Social Science Seminar, ETH Zurich, Switzerland
- Seminar “Blockchain Economics and Radical Markets,” Spring semester 2020 @ Heidelberg University, Germany
- Block course “Computer Programming Fundamentals (in JavaScript),” 12-13 Mar 2020 @ University of Luzern, Switzerland
- Block course “Bias, Dignity, and Fairness in Big Data and Social Data,” 11 Mar 2020 @ University of Luzern, Switzerland
- Workshop on “Online Experiments,” Oct 29-Nov 02 2019 @ University of West Bohemia, Pilsen, Czech Republic
- Course “Design and Implementation of Online Behavioral Experiments,” Fall semester 2019 @ Uni Mannheim, Germany
- Tutorial on “Online Synchronous Experiments,” 5 Dec 2018 @ Computational Social Science Symposium Köln, Germany
- Tutorial on “Science Meets Industry: Online Behavioral Experiments with nodeGame,” 29 Nov 2016 @ Node.js Interactive North American, Austin, TX, USA
- Block Course on “Programming Synchronic Online Experiments using NodeGame,” 16-17 Nov 2015 @ CESS Nuffield College Oxford, UK
- Block Course on “Modeling and Simulating Social Systems with MATLAB and Other Open Source Tools,” 19 - 23 Oct 2015 @ ETH Singapore Center SEC, Singapore
- Course on “Modeling and Simulating Social Systems with MATLAB,” 2015 Fall Semester @ ETH Zürich, Switzerland
- Tutorial on “Online Experiments with NodeGame,” 5 Dec 2012 @ SocInfo 2012 EPFL Lausanne, Switzerland
- Course on “Modeling and Simulating Social Systems with MATLAB,” 2010-2012 Fall & Spring semester @ ETH Zürich, Switzerland

Master Theses Supervision

- Kai-Yan Pan, “Trust-minimized Cross-Chain Bridge Protocol for Bitcoin Layer 1 to Ethereum Layer 2”, University of Mannheim, 2025 (expected)
- Manuel Becker, “Creating a credit rating tool for a lending and borrowing DeFi protocol”, Uni Mannheim, 2024
- Richard Moser, “Automatic classification of DAOs proposals”, Uni Mannheim, 2024
- Tushar Jindal, “A Privacy-Preserving Decentralized Research Application on Public Blockchain”, Uni Mannheim, 2024
- Melike Nazlı Kaplan, “Experimenting with Alternative Socioeconomic Mechanisms in Decentralized Autonomous Organizations: Funding Public Goods”, Uni Mannheim, 2023
- Alexander Pollich, “The Role of Banks in a World of Smart Contracts. A Look into the Future of Financial Intermediaries in light of Blockchain and Decentralized Finance”, Heidelberg University, 2022
- Christopher Aina Raholdina Heydenreich, “Implementing a Web3 Payment Method for Behavioral Experiments”, Heidelberg University, 2022
- GENG Lyu, “A quantitative analysis of the determinants of the price of Bitcoin”, Heidelberg University,

Book Reviews

S. Baliatti

Models of Science Dynamics: Encounters Between Complexity Theory and Information Sciences (Understanding Complex Systems) Scharnhorst, Andrea, Boerner, Katy and Besselaar, Peter van den (eds.) Springer-Verlag: Berlin, 2012. 🌐

Conferences

2024 *International Conference on Computational Social Science IC2S2* Philadelphia, PA, USA, 17th - 20st July, 2024

“Influence and Networks of DAOs’ Contributors”

INFORMS Advances in Decision Analysis Conference Helsinki-Espoo, Finland, 10th - 12nd July

“Preferences for Wealth Distributions in the Presence of Group Structure”

IMEBESS, Riga, Latvia, 23rd - 25th May

“Inspiring climate action: The role of emotion frames in the persuasiveness of AI-generated news stories”

Machine+Behavior, Berlin, Germany, 29th - 30th Apr

“Climate Action: The Role of Emotion Frames in the Persuasiveness of AI-generated News Stories”

DLT2024 Torino, Italy, May 14th - 15th

“The Involvement of Contributors in Decentralized Autonomous Organizations’ (DAOs) Governance”

CfC-SMART24 St. Moritz, Switzerland, Jan 12

“The Involvement of Contributors in Decentralized Autonomous Organizations’ (DAOs) Governance”

2021 *International Conference on Computational Social Science IC2S2* Zurich, Switzerland, 27th - 31st July, 2021

“How Incidental Similarities Reduce Polarization on Partisan Topics: The Case of Wealth Redistribution by the Government”

2019 *European Computational Social Science Symposium* Zurich, Switzerland, 2th - 4th September, 2019

“Shifting Attitudes Towards Wealth Redistribution by the Government: An Experiment of Depolarization”

International Conference on Computational Social Science IC2S2 Amsterdam, The Netherlands, 17th - 20th July, 2019

“Shifting Attitudes Towards Wealth Redistribution: Is It All a Matter of Trust?”

IMEBESS Utrecht, The Netherlands, 2nd - 5th May

“Attitudes Towards Redistribution: An Experimental, Network-based Approach”

2018 *International Conference on Computational Social Science IC2S2* Evanston, IL, 12th - 15th Jul

“The Market Stucture for Innovation”

World Meeting Economic Science Association Berlin, Germany, 28th June–1st July

“Domain Expertise or Algorithmic Insight? Fast Optimization of Information Gain in Experimental Design”

CompleNet18 Boston, MA, 5th–8ht Mar

“Toward the Optimal Design of Social Network Experiments”

CompleNet18 Boston, MA, 5th–8ht Mar

“The Market Structure of Innovation”

2017 *Code @ MIT 2017*, Cambridge, MA, 27th–28th Oct

“Mood, High Stakes and Dropouts in an Online Innovation Tournament”

- Code @ MIT 2017*, Cambridge, MA, 27th–28th Oct
 “Optimal Design for Online Social Experimentation”
- Code @ MIT 2017*, Cambridge, MA, 27th–28th Oct
 “nodeGame 4.0: Online Real-Time Synchronous Experiments” (poster)
- North American Economic Science Association Conference ESA17*, Richmond, VA, 19th–21st Oct
 “The Market Structure for Innovation”
- North American Economic Science Association Conference ESA17*, Richmond, VA, 19th–21st Oct
 “Adding Noise to the Institution: An Experimental Welfare Investigation of the Contribution-Based Grouping Mechanism”
- North American Economic Science Association Conference ESA17*, Richmond, VA, 19th–21st Oct
 “Efficiency Gains in Coordination in Information Poor Environments”
- 2016** *International Conference on Social Informatics SocInfo-2016*, Bellevue, WA, 15th–17th Nov
 “The Market Structures for Innovation” (Best Lightening Talk Award)
- North American Economic Science Association Conference ESA16*, Tucson, AZ, Nov 10th–12th
 “The Market Structures for Creativity”
- Code @ MIT*, Cambridge, MA, Oct 14th–15th
 “The Market Structures for Innovation”
- Workshop on the Economic Science with Heterogeneous Interacting Agents (WEHIA) 2016*, Castellón de la Plana, Spain, 22nd–24th Jun
 “Efficiency Gains in Coordination in Information Poor Environments”
- 2015** *International Conference on Computational Social Science IC2S2* Helsinki, Jun 8th–11th
 “Competition Promotes Diversity and Innovation, but Undermines Fair Peer Review”
- Social Norms and Institutions SNI2015* Monte Verità Ascona, May 10th - 15th, 2015
 “Dissolving the Efficiency-Equality Tradeoff in Public-Good Games”
- General Online Research GOR15*, Cologne, Mar 18th–20th
 “nodeGame: A Tool for Real-Time On-Line Behavioral Experiments”
- 2014** *European Conference on Complex Systems ECCS-2014*, Lucca, Sep 22st–26th
 “On Fragmentation and Scientific Progress”
- Social Simulation Conference SSC-2014*, Barcelona, Sep 1st–5th
 “On Fragmentation and Scientific Progress”
- 2013** *15th International Conference on Social Dilemmas*, Zurich, Jul 10th–13th
 “The Art Exhibition Game”
- Deutsche Physikalische Gesellschaft Conference DPG-2013*, Regensburg, Mar 11th–15th
 “A Model of Adaptive Convergence in Science”
- 2012** *New Developments in Signaling and Game Theory*, Ascona, Oct 14th–19th
 “nodeGame: Social Experiments in the Browser” (poster)
- SocInfo 2012*, Geneve, Dec 5th–7th
 “Online Social Experiments with Nodegame” (tutorial presentation)

Awards

Special mention in the “Exeter Prize for Research in Experimental Economics, Decision Theory and Behavioral Economics 2017,” paper “Peer Review and Competition in the Art Exhibition Game”
 Best Lightening Talk Award “The Market Structure For Innovation” SocInfo 2016

Workshops

Financial Inclusion, Innovation for Poverty Action, Yale University, New Haven, CT, 14th May 2016
Innovations in Online Experiments, University of Oxford, Nuffield Center for Experimental Social Sciences, Oxford (UK), 13th Mar 2015
Multi-Agent Simulation (MAS) and Global Issues, University of Tokyo, Komaba Campus I, Tokyo (JP), 19th Feb 2015
Lorentz Workshop “Simulating the Social Processes of Science”, Leiden (NL), 7th–11th Apr 2014

European Projects

PEERE: New Frontiers of Peer Review 2014-2015.
FuturICT: Participatory Computing for Our Complex World, 2010-2013.
QLectives: Quality Collectives, 2009-2013.
VISIONEER: Envisioning a Socio-Economic Knowledge Collider, 2009-2010.

Grants

2024 Uni Mannheim InnoMa Grant “Public Blockchains Enabled Classroom”: 100,000 EUR
2022 Uni Mannheim Startup Grant “State of Crypto”: 12.500 EUR
2019 Shortlisted for ERC Starting Grant, project “VIWOS”.
2015 ETH ISTP 2015 Seed Grant “Platform for Experimental and Empirical Research” (PEER): 45.000 CHF

Academic Services

Journals: Proceedings of the National Academy of Sciences (PNAS), Nature Communications, EPJ Data Science, Games, PLoS ONE, JASSS, Frontiers in Psychology – section Theoretical and Philosophical Psychology, Journal of Computational Science, International Studies in the Philosophy of Science, Evolutionary and Institutional Economics Review, Journal of Behavioral and Experimental Economics, Journal of Economic Interaction and Coordination, Information and Software Technology, Data Science, Quality and Quantity, International Journal of Environmental Research and Public Health, Journal of Economics and Management Strategy, Social Justice, Sociological Methodology, Royal Society Open Science, Philosophical Transactions of the Royal Society A, Social Justice Research, Behavior Research Methods, Network Science.

Conferences: CCS 2024, IC2S2 2024, CfC-SMART24, CompleNET 2024, Cultural Data Analytics Conference 2023 / CUDAN 2023, International Workshop on Cryptoasset Analytics (CAAW) 2023/2025, ICACI 2012, European Social Simulation Conference (ESSA) 2013, World Congress Social Simulation 2014, Social Simulation Conference (SSC) 2014, SSC 2015, SSC 2016, SSC 2017, SSC 2018, CompleNet 2018, International Conference on Information Systems (ICIS) 2018, PRIMA 2018, KDD 2019, FACTS-IR Workshop @ SIGIR 2019, NetSci-X 2020.

Institutions: EU Horizon 2024, Templeton Foundation, Einstein Foundation.

Invited Presentations

Smarter Cities and Societies. Back to the Future: What We Can and Cannot Optimize For. (ETH Zurich), Zurich, Switzerland, 2025-02-10-14
Decentralized Autonomous Organizations (DAOS): Challenges and Opportunities
CUDAN Open Lab (Tallinn University), Tallinn, Estonia, 2021-12-06
Experimental Markets for Creative Production: Peer Evaluations, Inequality, and Competition.

Cooperative Relations Seminar (Utrecht University), Utrecht, The Netherlands, 2020-10-21
 Talking about Politics: How Informal Communication Shapes Views about Redistribution
Human Nature Lab (Yale University), New Haven, CT, 2019-04-04
 Competition and Reward Structures in Creative Production Markets
Centre for European Economic Research (ZEW), Mannheim, Germany, 2018-12-04
 Reward Structures for Creative Production Markets
Harvard Political Psychology Graduate Panel, Cambridge (MA) 2017-10-06
 Peer Review, Competition and Market Structure
Percepts and Concepts Laboratory Colloquium (IU), Bloomington (IN) 2012-10-05
 Imitation and Innovation in Networked Groups, and a New Experimental Framework for Collective Behavior Experiments
International MSc and PhD Programs in Complexity Sciences ISCTE Seminar, Lisbon (PT) 2010-10-30
 Scholarly Peer-Review Process (Pros And Cons) and Possible Alternatives for the Selection of Quality in Science
QLectives Winter Workshop on Web Technologies, Fribourg (CH) 2010-10-19
 HTML5 Nice to Meet You

Public Writings

Here's How Competition Makes Peer Review More Unfair, *The Conversation*, and Science Is Suffering Because of Peer Review's Big Problems *New Republic*. (Aug. 8/9 2016)

Software Development

nodeGame - Real-Time Social Experiments in the Browser: <http://www.nodegame.org>
NDDB.JS - Javascript N-Dimensional Database: <http://nodegame.github.io/NDDB>
JSUS - Javascript Utils (JSUS Helps!): <http://nodegame.github.io/JSUS>
QScience - <http://www.github.com/QScience>
Patterns - <http://drupal.org/project/patterns>
msssm - Modeling and Simulating Social Systems with MATLAB: <http://www.github.com/msssm>

Other Programming Competences

Blockchain programming languages: Solidity.
 General programming languages: JavaScript, Node.JS, JAVA, PHP, Python.
 Statistical programming languages: R, MATLAB, Stata.
 Scripting: BASH, AWK, SED.
 Computer-cluster systems: LSF, SLURM.
 Database: SQL/MySQL, MongoDB.
 Cloud: Heroku, Digital Ocean, Openshift, Google Cloud. AWS.

Art Projects

Warsaw Center for Contemporary Art. Ten Percent White. "Faces of Change." (Dec 18, 2012 - Feb 10, 2013)

Media Coverage

ScienMag.com. Online Behavioral Experiments How personal commonalities foster closeness of political views. (Feb 11, 2022)

[*Phys.org*](#). Online Behavioral Experiments Want to reduce political polarization? Start by looking beyond politics. (Jan 25, 2022)

[*Linux.com Blog*](#). Online Behavioral Experiments Happening With nodeGame and Node.js. (Nov 14, 2016)

[*Times Higher Education*](#). Peer Review System 'leads to Good Research Going Unpublished' (Jul 26, 2016)

[*Ars Technica*](#). Can we trust peer review? New study highlights some problems. (Jul 20, 2016)

[*Caccia al Fotone*](#). Quando l'Economia Incontra la Fisica. (Jan 7, 2011)

[*Tages Anzeiger*](#). Geheimhaltung ist fuer das Wohl einer Gesellschaft entscheidend. (Dec 12, 2010)

[*News.ch*](#). Wikileaks wirft ethische Grundfragen auf. (Dec 6, 2010)

[*MIT Technology Review*](#). The 70 Online Databases that Define Our Planet (Dec 3, 2010)