

CONTACT INFORMATION
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 WWW: www.janlo.de



Private status: Parental agreement about shared custody for one child (born 2006), 50% exclusive responsibility, residence Bremen

ACADEMIC EMPLOYMENTS AND AFFILIATIONS

GESIS Leibniz Institute for the Social Sciences, Computational Social Science, Köln, Germany

Postdoctoral Researcher in the Data Science Team **Mar 2018 – Sep 2018**
 with Claudia Wagner and Haiko Lietz (part time 80%)

Jacobs University Bremen, Germany

Guest Researcher, Principal Investigator of DFG Project **Oct 2017 – Sep 2018**
 “Opinion Dynamics and Collective Decision: Procedures, Behavior and Systems Dynamics”

Postdoctoral Fellow, Principal Investigator of DFG Project **Oct 2014 – Sep 2017**
 “Opinion Dynamics and Collective Decision: Procedures, Behavior and Systems Dynamics”

Faculty Member at BIGSSS
[Bremen International Graduate School of Social Sciences](#) **May 2016 – present**

Affiliated Postdoc at BIGSSS
[Bremen International Graduate School of Social Sciences](#) **Mar 2013 – May 2016**

Postdoctoral Fellow to Klaus Boehnke
 Project Cohesion Radar (funded by BertelsmannStiftungs) **Okt 2012 – March 2014**

Carl von Ossietzky University of Oldenburg, Institute for Social Sciences, Germany

Lecturer with Markus Tepe (part time 50%) **Apr 2014 – Sep 2014**

Researcher, Lecturer and Manager of experimental lab **Jan 2010 – Sep 2012**
 with Bernhard Kittel (part time, 50-75%)

Parental agreement about the main responsibility for our daughter (2.5 years, part time jobs amount to 17 month working time not spent in research). One year of a serious illness of a family member.

ETH Zurich, [Chair of Systems Design](#), Switzerland **Apr 2007 – present**

Contract work **Nov 2009 – present**

Postdoctoral researcher with Prof. Frank Schweitzer **Apr 2007 – Oct 2009**
 Project CyberEmotions **Feb 2009 – Feb 2010**
 Europeans Commissions 7th Framework Programme, Large scale integrating project (9 partners),
 Workpackage: Sociophysics and agent-based models of emotion dynamics in cyberspace
 Proposal writing CyberEmotions **Dec 2008 – Jan 2009**
 Project COST P10 Physics of Risk **Apr 2007 – Nov 2008**
 Workpackage “Failure risk propagation in economic and supply networks”

Universität Bremen, Germany

Apr 1998 – Mar 2007

Doctoral Student with independent stipend
Tutor, Mathematics for Economists
Undergraduate, Mathematics, Philosophy
(8 terms excluding vacation terms, 1 term in Oldenburg before)

Jan 2004 – Mar 2007
Apr 2000 – Mar 2001
Apr 1998 – Mar 2003

EDUCATION

Jacobs University Bremen, Germany

Habilitation, Venia Legendi in Computational Social Science, October 2017

Universität Bremen, Germany

Doktor rer. nat., Mathematics, March 2007, advised by [Ulrich Krause](#) (Mathematics) and [Rainer Hegselmann](#) (Philosophy, Simulation), Grade: *summa cum laude*
Diploma, Mathematics, Feb 2003, Grade: *very good* (1.2)

PUBLICATIONS

TOP 5

1. Jan Lorenz, Heiko Rauhut, Frank Schweitzer, and Dirk Helbing (2011). [How social influence can undermine the wisdom of crowd effect](#). *Proceedings of the National Academy of Sciences* 108 (22), 9020–9025
2. Jan Lorenz (2007a). [Continuous Opinion Dynamics under bounded confidence: A Survey](#). *Int. Journal of Modern Physics C* 18 (12), 1819–1838
3. Jan Lorenz (2005a). [A stabilization theorem for dynamics of continuous opinions](#). *Physica A: Statistical Mechanics and its Applications* 355 (1), 217–223
4. Jan Lorenz, Stefano Battiston, and Frank Schweitzer (2009). [Systemic Risk in a Unifying Framework for Cascading Processes on Networks](#). *European Physical Journal B* 71, 441–460
5. Jan Lorenz (2010). [Heterogeneous bounds of confidence: Meet, discuss and find consensus!](#) *Complexity* 15 (4), 43–52

GRANTS

Principal Investigator with Co-Applicants Adalbert Wilhelm, Emanuel Deutschmann, Klaus Bohnke, Andreas Flache, and Francesco Mola for 3 Summer School, Volkswagen Foundation (International Research in Computational Social Science), “BIGSSS Summer Schools in Computational Social Science: Data-driven Modelling of Conflicts, Migration, and Social Cohesion” €242,200 2018 – 2020
Principal Investigator for Research grant with own position, German Research Foundation DFG (Political Science), LO 2024/2-1, “Opinion Dynamics and Collective Decisions: Procedures, Behavior and Systems Dynamics” €524,400 including 20% overhead (Programmkostenpauschale) Oct 2014 – Sep 2017
Full Scholarship for Doctoral Studies, (approx. €1,000 per month, Friedrich-Ebert-Stiftung, Germany Jan 2004 – Dec 2006

AWARDS

Prize for Applied Research in Complexity Science (3000 EUR), Best Poster, Workshop “[Potentials of Complexity Science for Business, Governments, and the Media 2006](#)”, Aug 3–5, 2006, Budapest, Hungary
Best student paper (700 EUR) “2nd International Meeting: Connectionist Approaches in Economics and Management - ASCEG 2005”, 17–18 Nov, 2005, Aix-en-Provence, France, 2nd prize

TEACHING

Jacobs University Bremen, Germany

Lecturer Mathematics and Politics (Bachelor), Spring 2016

BIGSSS, Bremen International Graduate School of Social Sciences, Germany

Lecturer Mathematics in the Social Sciences: A language course
5 days intensive course, Feb 20–24, 2012

Carl von Ossietzky Universität Oldenburg, Germany

Lecturer Seminar: Politisches System Deutschlands und der EU (Bachelor) SoSe 2014, No. 1.07.012
Lecturer Seminar: Politisches System Deutschlands und der EU (Bachelor) SoSe 2014, No. 1.07.013
Lecturer Seminar: Politisches System Deutschlands und der EU (Bachelor) SoSe 2014, No. 1.07.015
Lecturer Kollektivität und soziale Emergenz, Agent-basierte Simulation (Master) WiSe 2011/2012,

No. 1.07.271

Tutor Exercise Course: Einführung in die Politikwissenschaft (Bachelor) WiSe 2011/2012, No. 1.07.023

Lecturer Experimentelle Sozialforschung (Master) WiSe 2010/2011, No. 1.07.231

Tutor Exercise Course: Datenanalyse empirischer Sozialforschung (Bachelor) SoSe 2010, No. 1.07.076

Tutor Exercise Course: Datenanalyse empirischer Sozialforschung (Bachelor) SoSe 2010, No. 1.07.077

Tutor Exercise Course: Datenanalyse empirischer Sozialforschung (Bachelor) SoSe 2010, No. 1.07.078

Universität Bremen, Germany

Co-Organiser Seminar Positive Dynamische Systeme (Mathematik) WiSe 2006/2007, VAK 03-418

Co-Organiser Seminar Positive Dynamische Systeme (Mathematik) SoSe 2006, VAK 03-340

Co-Organiser Seminar Positive Dynamische Systeme (Mathematik) WiSe 2005/2006, VAK 03-342

Co-Organiser Seminar Positive Dynamische Systeme (Mathematik) SoSe 2005, VAK 03-330

Tutor Mathematik (Wirtschaftswissenschaften) WiSe 2000/2001, VAK 07-107

Tutor Mathematik II (Wirtschaftswissenschaften) SoSe 2000, VAK 07-108

SHORT TERM ACADEMIC ACTIVITIES	<i>Member</i> Study Group: Dynamics of Collective Decisions, Hanse-Wissenschafts-Kolleg Delmenhorst (lead by Susumu Shikano, 2 meetings per year) 2012 – 2014
	<i>Participant</i> Brazil Project of the Friedrich Ebert Foundation, Young Policy Dialog Frankfurt, Berlin, São Paulo, Brasilia, Rio de Janeiro during 2005
	<i>Researcher</i> Max-Planck Institut Physik komplexer Systems, Dresden, Germany Aug – Sep 2004 EXYSTENCE Thematic Institute “From Many-Particle Physics to Multi-Agent Systems”
	<i>Participant</i> 1st Winterschool for the Physics of Socio-Economic Systems Feb 2004 Universität Konstanz, Germany
SCIENTIFIC COMMUNITY SERVICE	<i>Organisation</i> Interdisciplinary Workshop ODCD2017 , Bremen, Germany, Jul 5-7, 2017 Workshop Political Participation in Brazil and Germany (with Carsten Herzberg), Centre Marc Bloch, Berlin, Germany, Dec 2, 2005 <i>Conference Programme Committee Member</i> EURO CSS 2017, London; ECCS 2013, Barcelona, Satellite Workshop “Cultural and opinion dynamics: Modeling, Experiments and Challenges for the future” ECCS 2012, Brussels, Track “Social Systems, Economics and Finance”; ECCS 2012, Brussels, Satellite Workshop “Cultural and opinion dynamics: Modeling, Experiments and Challenges for the future”; ECCS 2011, Vienna, Satellite Workshop “Cultural and opinion dynamics: Modeling, Experiments and Challenges for the future” <i>Reviewer</i> SNF (Swiss National Science Foundation), DFG (Deutsche Forschungsgemeinschaft, 3 times), ESRC (Economic and Social Research Council UK), Fritz Thyssen Stiftung Science Advances, American Political Science Review, Nature Human Behaviour, Mathematical Social Sciences, European Journal of Operations Research, Physical Review E, International Journal of Psy- chology, International Journal of Forecasting, Journal of Experimental Psychology: Human Perception and Performance, Cognition, Analyse und Kritik, IEEE Control Systems Magazine, IET Control Theory & Applications, PNAS (2), Topics in Cognitive Science (1), PLoS One (4), SIAM Journal on Control and Optimization (1), Current Biology (1 pre-submission inquiry), European Union Politics (1), IEEE Transactions on Automatic Control (2), Annals of Applied Probability (1), Journal of Artificial Soci- eties and Social Simulation (4), European Journal of Economic and Social Systems (3), Physica A (2), European Physical Journal B (3), Advances in Complex Systems (3), Journal of Economic Interaction and Coordination (2) Publons profile
MEMBERSHIP	Deutsche Mathematiker-Vereinigung (DMV), Wikimedia Deutschland e.V., Mehr Demokratie e.V.
LANGUAGES	German (native), English (fluent), R (expert), NetLogo (advanced), \LaTeX including beamer,tikz (very good), MySQL (good), HTML (good), Matlab (once expert),
COMPUTER SKILLS	setup of computer simulations (NetLogo, R, matlab), program experiments (z-Tree), data analysis (R, MySQL, matlab), webdesign, office software, imaging software on pixel and vector basis (e.g. Gimp and InkScape), desktop publishing software (e.g. Scribus), operating systems: Linux

Hint: clickable links in digital version

Jan Lorenz CV, updated Apr 2018

CITATION [ResearcherID D-1806-2010](#): 849 times cited, h-index 11
 STATISTICS [Scopus Author ID: 8634161500](#): 1007 times cited, h-index 12
[Google Scholar](#): 2216 citations, h-index 19 (accessed Apr 17, 2018)

BOOKS 1. Georgi Dragolov, Zsófia S. Ignácz, Jan Lorenz, Jan Delhey, Klaus Boehnke, and Kai Unzicker (2016). *Social Cohesion in the Western World: What Holds Societies Together: Insights from the Social Cohesion Radar*. SpringerBriefs in Well-Being and Quality of Life Research. Springer

PAPERS **Working and Discussion Papers**

1. Markus S. Tepe, Maximilian Lutz, Fabian Paetzel, and Jan Lorenz (2017). [Leaky Bucket in the Lab. The Effect of System Inefficiency on Voting on Redistribution](#). Available at SSRN
2. Thomas Metz and Jan Lorenz (2013). [Become who you are: The homing pattern in partisanship as a self-reinforcing stochastic process](#). SSRN Preprint

Journal Publications

1. Fabian Paetzel, Jan Lorenz, and Markus S. Tepe (2017). [Transparency Diminishes Framing-Effects in Voting on Redistribution: Some Experimental Evidence](#). Available at SSRN
2. Andreas Flache, Michael Mäs, Thomas Feliciani, Edmund Chattoe-Brown, Guillaume Deffuant, Sylvie Huet, and Jan Lorenz (2017). [Models of Social Influence: Towards the Next Frontiers](#). *Journal of Artificial Societies and Social Simulation* 20 (4), 2
3. Jan Lorenz, Fabian Paetzel, and Markus Tepe (2017). [Just Don't Call it a Tax! Framing in an Experiment on Voting and Redistribution](#). *Journal of Experimental Political Science*, 1–12
4. Takasumi Kurahashi-Nakamura, Michael Mäs, and Jan Lorenz (2016). [Robust Clustering in Generalized Bounded Confidence Models](#). *Journal of Artificial Societies and Social Simulation* 19 (4), 7
5. Jan Lorenz, Christoph Brauer, and Dirk Lorenz (2016). [Rank-Optimal Weighting or "How to be Best in the OECD Better Life Index?"](#). *Social Indicators Research Online* First
6. Michael D. König, Jan Lorenz, and Fabrizio Zilibotti (2016). [Innovation vs. imitation and the evolution of productivity distributions](#). *Theoretical Economics* 11 (3), 1053–1102
7. Jan Lorenz, Heiko Rauhut, and Bernhard Kittel (2015). [Majoritarian Democracy Undermines Truth-Finding in Deliberative Committees](#). *Research & Politics* (2), 1–10
8. Patrick Groeber, Jan Lorenz, and Frank Schweitzer (2014). [Dissonance minimization as a micro-foundation of social influence in models of opinion formation](#). *Journal of Mathematical Sociology* 38 (3), 147–174
9. Jan Lorenz, Fabian Paetzel, and Frank Schweitzer (2013). [Redistribution spurs growth by using a portfolio effect on risky human capital](#). *PLoS One* 8 (2), e54904
10. Jan Lorenz, Heiko Rauhut, Frank Schweitzer, and Dirk Helbing (2011). [How social influence can undermine the wisdom of crowd effect](#). *Proceedings of the National Academy of Sciences* 108 (22), 9020–9025
 Letter: Heiko Rauhut, Jan Lorenz, Frank Schweitzer, and Dirk Helbing (2011). [Reply to Farrell: Improved individual estimation success can imply collective tunnel vision](#). *Proceedings of the National Academy of Sciences* 108 (36), E626
11. Heiko Rauhut and Jan Lorenz (2010). [The wisdom of crowds in one mind: How individuals can simulate the knowledge of diverse societies to reach better decisions](#). *Journal of Mathematical Psychology* 55, 191–197
12. Jan Lorenz and Dirk A. Lorenz (2010). [On Conditions for Convergence to Consensus](#). *IEEE Transactions on Automatic Control* 55 (7), 1651–1656
13. Jae Kyun Shin and Jan Lorenz (2010). [Tipping Diffusivity in Information Accumulation Systems: More Links, less Consensus](#). *Journal of Statistical Mechanics: Theory and Experiment* 2010 (06), P06005
14. Jan Lorenz (2010). [Heterogeneous bounds of confidence: Meet, discuss and find consensus!](#) *Complexity* 15 (4), 43–52
15. Jan Lorenz, Stefano Battiston, and Frank Schweitzer (2009). [Systemic Risk in a Unifying Framework for Cascading Processes on Networks](#). *European Physical Journal B* 71, 441–460
16. Jan Lorenz (2009). [Universality of movie rating distributions](#). *European Physical Journal B* 71, 251–258
17. Diemo Urbig, Jan Lorenz, and Heiko Herzberg (2008). [Opinion dynamics: The effect of the number of peers met at once](#). *Journal of Artificial Societies and Social Simulation* 11 (2), 4

18. Jan Lorenz and Stefano Battiston (2008). [Systemic risk in a network fragility model analyzed with probability density evolution of persistent random walks](#). *Networks and Heterogeneous Media (NHM)* 3 (2), 185–200
19. Jan Lorenz (2007a). [Continuous Opinion Dynamics under bounded confidence: A Survey](#). *Int. Journal of Modern Physics C* 18 (12), 1819–1838
20. Jan Lorenz and Diemo Urbig (2007). [About the power to enforce and prevent consensus by manipulating communication rules](#). *Advances in Complex Systems* 10 (2), 251–269
21. Jan Lorenz (2006a). [Consensus strikes back in the Hegselmann-Krause model of continuous opinion dynamics under bounded confidence](#). *Journal of Artificial Societies and Social Simulation* 9 (1), 8
22. Jan Lorenz (2006b). [Continuous Opinion Dynamics of Multidimensional Allocation Problems under Bounded Confidence. More dimensions lead to better chances for consensus](#). *European Journal of Economic and Social Systems* 19 (2), 213–227
23. Jan Lorenz (2005a). [A stabilization theorem for dynamics of continuous opinions](#). *Physica A: Statistical Mechanics and its Applications* 355 (1), 217–223

Publications in Books and Conference Proceedings

24. Jan Lorenz (2017a). [Modeling the Evolution of Ideological Landscapes Through Opinion Dynamics](#). In: *Advances in Social Simulation 2015*. Ed. by Wander Jager, Rineke Verbrugge, Andreas Flache, Gert de Roo, Lex Hoogduin, and Charlotte Hemelrijk. Cham: Springer International Publishing, 255–266
25. Jan Lorenz (2012). [Zur Methode der agenten-basierten Simulation in der Politikwissenschaft am Beispiel von Meinungsdynamik und Parteienwettbewerb](#). In: *Jahrbuch für Handlungs- und Entscheidungstheorie. Band 7: Experiment und Simulation*. Ed. by Thomas Bräuninger, André Bächtiger, and Susumu Shikano. VS Verlag für Sozialwissenschaften, 31–58
26. Jan Lorenz (2008). [Fostering Consensus in Multidimensional Continuous Opinion Dynamics under bounded Confidence](#). In: *Managing Complexity: Insights, Concepts, Applications*. Ed. by Dirk Helbing. Understanding Complex Systems. Springer, 321–334
27. Jan Lorenz (2007b). [Fixed points in models of continuous opinion dynamics under bounded confidence](#). In: *Communications of the Laufen Colloquium on Science 2007*. Ed. by A. Ruffing, A. Suhrer, and J. Suhrer. Shaker Publishing
28. Jan Lorenz (2006c). [Convergence of Products of Stochastic Matrices with Positive Diagonals and the Opinion Dynamics Background](#). In: *Lecture Notes in Computer Science: Positive Systems*. Vol. 341. Lecture Notes in Control and Information Sciences. Springer, 209–216
29. Jan Lorenz (2005b). [Continuous opinion dynamics: Insights through interactive Markov chains](#). In: *Proceedings of IASTED Conference Modelling, Simulation and Optimization MSO, Oranjestaad, Aruba*

Conference, Policy and Business Papers

30. Jan Lorenz (2014). [How Clustered Ideological Landscapes Emerge Through Opinion Dynamics](#). *ECPR General Conference Glasgow*
31. Michael D. König, Jan Lorenz, and Fabrizio Zilibotti (2011). [Innovation vs. Imitation and the Evolution of Productivity Distributions](#). *Conference Paper presented at “Public Economic Theory Conference” June 1–4 Indiana University*
32. Jan Lorenz and Frederico Menino (2005). [Designing Participatory Budgeting: Mathematics of opinion dynamics and aggregation](#). Tech. rep. Policy papers of the Friedrich Ebert Foundation’s Brazil Projekt 2005
33. Hubert Ramke, Stefan Mues, and Jan Lorenz (2004). [Vom Resteverkauf zum Verwertungsmanagement](#). *Der Versandhausberater*
34. Jan Lorenz (2003c). [Opinion Dynamics with Heterogeneous Bounds of Confidence for the Agents](#). In: *Conference “WEHIA 2003”, Institute for World Economics, Kiel, Germany, May 29-31*
35. Jan Lorenz (2003b). [Multidimensional Opinion Dynamics when Confidence Changes](#). In: *Economic Complexity 2003 Aix-en-Provence, France, May 8-12*

Theses

36. Jan Lorenz (2017b). [Systemic Effects in Models of Opinion Dynamics, Societal Growth, and the Wisdom of Crowds](#). *Umbrella Booklet for Cumulative Habilitation Work*
37. Jan Lorenz (2007c). [Repeated Averaging and Bounded Confidence-Modeling, Analysis and Simulation of Continuous Opinion Dynamics](#). Doctoral Dissertation
38. Jan Lorenz (2003a). [Mehrdimensionale Meinungsdynamik bei wechselndem Vertrauen](#). Diploma Thesis

POSTERS

1. [How Public Policy Mood Cycles](#) IC²S², Cologne, Jul 2017o
2. [Sharing Is Growing But We Dont See It The Portfolio Effect of Redistribution in Laboratory Experiments](#) (with Maximilian Held), Herrenhäuser Konferenz: Long-Term Processes of Socio-Economic Development, Hannover, Germany, Nov 20-21, 2015
3. [What data landscapes tell us about social processes: Data-driven models from movie ratings, ideology, and party identification](#), GESIS Computational Social Science Winter Symposium, Köln, Germany, Dec 1, 2014
4. [Convergence to consensus in multiagent systems and groups of humans: Mathematical results and experimental findings](#), Interdisciplinary Workshop on Information and Decision in Social Networks, Massachusetts Institute of Technology (MIT), USA, May 31–June 1, 2011
5. [Die “Weisheit der Masse”](#), Nacht der Wissenschaft Oldenburg, 24.9.2010
6. [Universality in Continuous Opinion Dynamics: Empirical studies of movie rating distributions](#), COST MP0801 “Physics of Conflicts and Competition” Annual Meeting, Rome, Italy, 2009
7. [Fostering Consensus in Multidimensional Continuous Opinion Dynamics under Bounded Confidence](#), Potentials for Complexity Science in Business, Government and the Media, Collegium Budapest, Hungary, 2006 (Best Poster Award)

SCIENTIFIC
TALKS

1. [Sharing Is Growing – But We Don’t See It](#), European Symposium Series on Societal Challenges in Computational Social Science 2017: Inequality and Imbalance, London, United Kingdom, Nov 17, 2017
2. [From individual models of attitude change to patterns and dynamics of opinion landscapes](#) (**invited**), 2nd CRCA PhD students Symposium, Toulouse, France, Sep 28, 2017
3. [Collective Resilience or How Public Policy Mood Cycles through Opinion Dynamics](#) (**invited**), FROM ONE MIND TO MANY Collective threat and collective resilience workshop, EHESS, Paris, Oct 21, 2016
4. [How Majority Rule Undermines Collective Truth-Finding](#), Symposium “Exploring Ignorance”, Graduate School of Decision Sciences, Konstanz, May 20, 2016
5. [Modeling the evolution of ideological landscapes through opinion dynamics](#), Social Simulation 2015 (ESSA), University of Groningen, Netherlands, Sep 15, 2015
6. [Data-driven modeling in continuous opinion dynamics](#), DPG Frühjahrstagung, Berlin Institute of Technology, Germany, Mar 18, 2015
7. [Two contributions for the design of societal institutions](#) (**invited**), DIAS Danish Institute for Advanced Study, University of Southern Denmark, Feb 26, 2015
8. [Agent-based modeling in Political Science, Sociology, and Social Psychology](#), BIGSSS Lecture Series, Universität Bremen, Dec 10, 2014
9. [Three Examples for Dynamics of Social Interaction: Undermining the wisdom of the crowd, clustering of opinion landscapes, and growth through redistribution](#), CoWell Brown Bag Seminar, Jacobs University Bremen, Dec 9, 2014
10. [You get what you asked for. A Laboratory Experiment on Framing Effects in Voting on Income Redistribution](#), ECPR General Conference, Panel P289: Preference Formation and Formal Models of Politics, Glasgow, Scotland, Sep 5, 2014
11. [How clustered ideological landscapes might emerge through opinion dynamics](#), ECPR General Conference, Panel P149: Individual Preferences and the Welfare State, Glasgow, Scotland, Sep 5, 2014
12. [Opinion landscapes, laboratory experiments and the modeling of continuous opinion dynamics](#) (**invited**), Forschungszentrum Modellbildung und Simulation sozioökonomischer Phänomene (MODUS), Universität Bayreuth, Germany, Jun 16, 2014
13. [The impact of voting rules on collective intelligence](#) (**invited**), ESI Autumn Workshop, Max-Planck-Institute for Economics, Jena, Germany, Nov 19, 2013
14. [Become who you are: The Homing Pattern in Partisanship as a Self-reinforcing Stochastic Process](#) (**invited**), HWK Study Group “Dynamics of Collective Decisions” Konstanz, June 28, 2013
15. [Continuous Opinion Dynamics as a Framework for Experiments and Computer Simulation in the Political Space](#) (**invited**), Seminar für Politische Wissenschaften, Albert-Ludwigs-Universität Freiburg, Germany, May 16, 2012
16. [Bounded Confidence Simulation Models in Politics: How parties might evolve, drift and unite](#), Workshop: “Brains, Games, and (Social) Neurons: Physics and Social Sciences in Discussion”, Hanse-Wissenschafts-Kolleg Delmenhorst, Germany, May 11, 2012
17. [Crowd Wisdom and Deliberative Voting: Does Deliberation Improve Estimation Accuracy?](#), Gründungstagung der Sektion “Methoden der Politikwissenschaften” in der Deutschen Vereinigung für Politische Wissenschaften (DVPW), Universität Hamburg, Germany, Feb 11, 2012
18. [Experiments on the Wisdom of Crowds under Social Influence, facing Collective Decision and in One Mind](#), Neuro-Kognitionswissenschaftliches Kolloquium, Universität Bremen, Germany, Jan 30, 2012
19. [Crowd Wisdom and Deliberative Voting: Does Deliberation Improve Estimation Accuracy?](#), Euro-

- pean Consortium for Political Research (ECPR) General Conference, University of Iceland, Reykjavik, Aug 25, 2011
20. [The Formation of Parties through Opinion Dynamics under Bounded Confidence: An Agent-based Model \(invited\)](#), Center for Comparative and International Studies (CIS) Colloquium, University of Zurich, Dec 16, 2010
 21. [Continuous Opinion Dynamics: Heterogeneous Bounds of Confidence, Movie Ratings, Wisdom of the Crowd; Results from Simulation, Online Data Analysis, and the Lab \(invited\)](#), Sociology Seminar, University of Groningen, Netherlands, 2010
 22. [Mathematical ingenuity traced in the academic genealogy of mathematicians](#), Workshop “Modelling science – Understanding, forecasting, and communicating the science system”, Amsterdam, Netherlands, 2009
 23. [Continuous Opinion Dynamics under Bounded Confidence: A model to explain the formation of Parties? \(invited\)](#), Seminar Zentrum für Methoden der Sozialwissenschaften, Universität Oldenburg, Germany, 2009
 24. [Growth in coupled multiplicative stochastic processes](#), International Workshop “The Physics Approach to Risk: Agent-based Models and Networks”, Zurich, Switzerland, 2008
 25. [Continuous Opinion Dynamics](#), International Workshop Sociophysics: Status and Perspectives, ISI Foundation, Torino, Italy, 2008
 26. [Fostering Consensus in Continuous Opinion Dynamics under Bounded Confidence](#), Seminar “Modeling Socio-Economic Systems and Crisis”, ETH Zurich, Switzerland, 2008
 27. [Is there an Optimal Level of Globalization? Stochastic Fragility Dynamics with Trend Reinforcing](#), COST P10 “Physics of Risk” Annual Meeting, Palermo, Italy, 2007
 28. [Continuous Opinion Dynamics under Bounded Confidence \(invited\)](#), Seminar “Large Graphs and Networks”, UCL, Louvain la Neuve, Belgium, 2007
 29. [Threshold models of Continuous Opinion Dynamics: Clustering, Drifting, Convergence \(invited\)](#), Seminar “Interdisciplinary Physics”, IFISC, Palma de Mallorca, Spain, 2007
 30. [Difference Equations in Continuous Opinion Dynamics under Bounded Confidence](#), Progress on Difference Equations, Laufen/Salzburg, Germany/Austria, 2007
 31. [Wiederholtes Mitteln bei beschränktem Vertrauen: Modellierung, Analyse und Simulation von kontinuierlicher Meinungsdynamik](#), Vortrag zum Promotionskolloquium, Bremen, Germany, 2007
 32. [Wie man das Erreichen eines Konsenses fördert \(invited\)](#), Seminar “Effizienz dezentraler Strukturen” Universität Bayreuth, Germany, 2006
 33. [Convergence of products of stochastic matrices with positive diagonals and the opinion dynamics background](#), POSTA Positive System: Theory and Application, Grenoble, France, 2006
 34. [Fostering Consensus](#), Potentials for Complexity Science in Business, Government and the Media, Collegium Budapest, Hungary, 2006
 35. [About the power to enforce and prevent consensus](#), DPG Spring Meeting, Arbeitskreis Physik sozio-ökonomischer Systeme, Dresden, Germany, 2006
 36. [Continuous opinion dynamics of multidimensional allocation problems under bounded confidence](#), 12th International Meeting: Connectionist Approaches in Economics and Management - ASCEG, Aix-en-Provence, France, 2005
 37. [Continuous opinion dynamics: Insights through Interactive Markov Chains](#), IASTED Conference: Modelling, Simulation, and Optimization, Aruba, 2005

POPULAR
TALKS

1. [Was ist gesellschaftlicher Zusammenhalt, wie man ihn misst und wozu das gut sein könnte? Erkenntnisse aus dem Radar gesellschaftlicher Zusammenhalt](#), Fachkonferenz “Vielfalt ernten - gemeinsam handeln!”, Lokaler Aktionsplan für Demokratie, Toleranz und ein weltoffenes Chemnitz, Sep 30, 2014
2. [Schwarmintelligenz und die Weisheit der Masse](#), Lions-Club Oldenburg Lappan, Oct 10, 2012
3. [Die Weisheit der Masse gegen die Weisheit des Einzelnen: Eine Statistische Spielerei](#), ScienceSlam, Nacht der Wissenschaft, Carl von Ossietzky Universität Oldenburg, Sep 24, 2010

MEDIA
RESPONSE

On open-list voting systems:

[Weser-Kurier Bremer Wahlrecht: Kritik aus der Wissenschaft](#), Jürgen Theiner, Feb 20, 2018

On redistribution and growth:

[Nordwestradio unterwegs Gesprächsrunde zum Thema Wirtschaftswachstum durch Umverteilung?](#), Mar 1, 2013 15:00–16:00

On social influence and the wisdom of the crowd:

[TV documentary Der tyrannische Kunde](#), 3sat, May 19, 2016 20:15, shows an experiment on the wisdom of crowd and social influence at Jacobs Lab III

[The Sociomomist Are Crowds Wise or Mad?](#), Alan Hall, June, 2011
[World Radio Switzerland ETH researcher explains study showing one mind can be wiser than two](#), Interview with Heiko Rauhut, June 14, 2011
[The Wall Street Journal Herd behaviour: Wisent wisent wisent](#), M.S., May 31, 2011
[The Wall Street Journal When We're Cowed by the Crowd](#), Jonah Lehrer, May 28, 2011
[Handelszeitung Die Massen lassen sich verführen](#), May 23, 2011
[lesaffaires.com Blogues Avez-vous une influencé néfaste?](#), Olivier Schmouker, May 19, 2011
[DePers.nl Afkijken maakt massa dom](#), Marcel Hulspas, May 19, 2011
[TVB Television Broadcast Media Makes Us Stupid](#), May 19, 2011
[Bay Windows Reality Check: Just how smart is the “wisdom of the crowd” in the age of the Internet?](#), Jeff Epperly, May 18,2011
[ars technica Social influences kill the wisdom of the crowd](#), John Timmer, May 18,2011
[The Atlantic Here's an Article on the Dangers of Shared Information—Share It!](#), Derek Thompson, May 17, 2011
[USA TODAY So much for the wisdom of the crowd](#), Dan Vergano, May 17, 2011
[science.ORF.at Wenn die Masse ihre Weisheit verliert](#), Elke Ziegler, May 18,2011
[SPIEGEL online Gemeinsam sind wir dümmer](#), Holger Dambeck, May 17.5.2011
[genevalunch.com Zurich researchers say social crowd influence dumbs us down](#), Ellen Wallace, May 17, 2011
[Scientific American 60 Second Science Podcast Wisdom of Crowds Withers with Peeks](#), Karen Hopkin, May 16,2011
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On crowd and swarm intelligence:

[TV documentary Xenius - Schwarmintelligenz: Die Weisheit der Vielen](#), arte, Sep 19, 2017, 16:45
[SPIEGEL online Wie falsche Antworten zur Wahrheit fhren](#), Philipp Seibt, 26.1.2017; expert opinion
[TV documentary 3sat neues: Crowd Wisdom - Die Weisheit der Vielen](#), 3sat 20.6.2010; asks me as expert on aggregation of the wisdom of crowds
[TV documentary Schwärme: Die Intelligenz der Massen](#), arte 25.9.2009, 19:00; shows an experiment on opinion dynamics and the wisdom of crowds (designed and conducted by Jan Lorenz, Heiko Rauhut, Dirk Helbing, Frank Schweitzer)
[Show, pi x Deutschland - Die Abschlussveranstaltung im Jahr der Mathematik](#), EXPO XXI, Köln, Germany, 11.12.2008; acted as expert for “Mathematik und Schwarmintelligenz”
[Science Blogs, Schwarmintelligenz auch beim Menschen? Großversuch beim ViertelFest in Bremen](#), 27.8.2008
[scinexx - Das Wissensmagazin, Schwarmintelligenz auch beim Menschen? Großversuch beim ViertelFest in Bremen](#), 18.8.2009
[Show, KnickKnack Schwärmen für das ViertelFest - die Intelligenz der Knackinsekten](#), ein mathematisches Massenselbstorganisationsexperiment auf dem Viertelfest, Bremen, Germany, 22.-24. August 2008; acted as advisor and expert on stage
[Press release Countdown für Bremer Großversuch zu Schwarmintelligenz: Wie viel Hering steckt im Menschen?](#), Nr. 250, 15.8.2008, Universität Bremen

PROFESSIONAL	<p>atways AG – business consultants Hamburg, Germany, <i>Internship Business</i></p> <p>WildwuX Theater Aktion European Tour (Germany, Austria, Italy, Slovenia, Hungary, Slovakia, Czech Republic, 25 km/h) <i>Actor and Organizer</i></p> <p>Juggler (3 Balls, 3 Clubs, Clubswinging) <i>Freelancer (Workshop teacher and Performer)</i></p>	<p>Sep 2003 – Dec 2003</p> <p>Apr 2001 – Sep 2001</p> <p>Apr 1997 – Mar 1998</p>
HONORARY	<p>Bund Deutscher PfadfinderInnen, BDP Landesverband Bremen-Niedersachsen, <i>Vorstand</i> (partly alone, 8 employees)</p>	<p>1999 – 2007, 2011-2013</p>
SOME OTHER PROJECTS	<ul style="list-style-type: none"> • Performance Theatre Initiator and organizer of several theatre projects. Main concept: Develop a performance, which gives insight to the topic, by using the live situation of a theatre play. Have fun by developing characters and stories. Examples: <ul style="list-style-type: none"> • Olympic Shopping (2003) A group of young people on its way to implement Shopping as an olympic discipline to save the German economy by pushing consumption. Team-Shopping matches in real supermarkets. • TVtainment – About the television in you (2004) Testing a new reality TV show concept. A group of people and 50 studio guests are shown on TV while they are watching TV. Games, Zapping and having fun until one member freaks out and hijacks the show by taking the host as hostage. • Living on Trees (1999, 2000) Initiator of two tree camps: Build a camp on trees and live there for three days and four nights without a step on the earth. • Board Games Championship Participation in the team tournament 2002. Achieved the 3rd place on the German level and the 4th place in Europe. I believe that there is something to learn from board game developers and players for the design of modern business and politics. 	