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 Jacobs University Bremen  
 Campus Ring 1, 28759 Bremen, Germany  
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 Lifelong e-mail: [post@janlo.de](mailto:post@janlo.de)  
 WWW: [www.janlo.de](http://www.janlo.de)



## ACADEMIC CAREER

**Jacobs University Bremen, Germany**

*Postdoctoral Fellow, Principal Investigator of DFG Project* **Oct 2014 – present**  
 “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 Prof. Klaus Boehnke*  
 Project [Cohesion Radar](#) **Okt 2012 – March 2014**

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

*Lecturer with Prof. Markus Tepe (part time)* **Apr 2014 – Sep 2014**

*Researcher, Lecturer and Manager of experimental lab* **Jan 2010 – Sep 2012**  
 with [Prof. Bernhard Kittel](#) (part time)

Parental agreement about the main responsibility for our daughter (2.5 years). 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* **Jan 2004 – Mar 2007**

*Tutor, Mathematics for Economists* **Apr 2000 – Mar 2001**

*Undergraduate, Mathematics, Philosophy* **Apr 1998 – Mar 2003**

(8 terms excluding vacation terms, 1 term in Oldenburg before)

**EDUCATION****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)

**Schulzentrum an der Walliser Straße, Bremen, Germany**

*Abitur* (university-entrance diploma), June 1995, Major courses: math, history  
 Grade: *very good* (1.3), best of the year

**PUBLICATIONS  
TOP 5**

(*Web of Science*© Journal's Impact Factor 2015 (IF) and number of citations, number of *Google Scholar* citations (GSch), accessed Jan 13, 2017)

1. Jan Lorenz (2007a). [Continuous Opinion Dynamics under bounded confidence: A Survey](#). *Int. Journal of Modern Physics C* 18 (12), 1819–1838 (IF 1.2, 164 Citations, GSch 308)
2. 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 (IF 9.4, 145 Citations, GSch 408)
3. Jan Lorenz (2005a). [A stabilization theorem for dynamics of continuous opinions](#). *Physica A: Statistical Mechanics and its Applications* 355 (1), 217–223 (IF 1.8, 94 Citations, GSch 204)
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 (IF 1.2, 54 Citations, GSch 105)
5. Jan Lorenz (2010). [Heterogeneous bounds of confidence: Meet, discuss and find consensus!](#) *Complexity* 15 (4), 43–52 (IF 3.5, 35 Citations, GSch 79)

**GRANTS**

*Principal Investigator with Co-Applicants Adalbert Wilhelm, Emanuel Deutschmann, Klaus Boehnke, 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 (Programmpauschale) 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 Study Group: Dynamics of Collective Decisions</i> , Hanse-Wissenschafts-Kolleg Delmenhorst (lead by Susumu Shikano, 2 meetings per year) 2012 – 2014
	<i>Participant Brazil Project of the Friedrich Ebert Foundation</i> , Young Policy Dialog Frankfurt, Berlin, São Paulo, Brasilia, Rio de Janeiro during 2005
	<i>Researcher</i> Max-Planck Institut Physik komplexer Systeme, 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>Conference Programme Committee Member</i> European Conference on Complex Systems 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> DFG (Deutsche Forschungsgemeinschaft), ESRC (Economic and Social Research Council UK), Fritz Thyssen Stiftung Journal of Experimental Psychology: Human Perception and Performance, Cognition, Analyse und Kritik, IEEE Control Systems Magazine, IET Control Theory & Applications, Proceeding of the National Academy of Sciences of the United States of America (2), Topics in Cognitive Science (1), PLoS One (3), 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 Societies and Social Simulation (3), 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) <a href="#">Publons profile</a>  <i>Assistant</i> Local organization of International Workshop “The Physics Approach to Risk: Agent-based Models and Networks”, Oct 27–29, 2008, Zürich  <i>Organisation</i> Workshop <a href="#">Political Participation in Brazil and Germany</a> (with Carsten Herzberg), Centre Marc Bloch, Berlin, Germany, Dec 2, 2005
MEMBERSHIP	Deutsche Mathematiker-Vereinigung (DMV), Wikimedia Deutschland e.V., Mehr Demokratie e.V.
LANGUAGES	German (native), English (fluent), Matlab (expert), R (expert), NetLogo (advanced), L <sup>A</sup> T <sub>E</sub> X including beamer,tikz (very good), MySQL (good), HTML (good)
COMPUTER SKILLS	setup of computer simulations (NetLogo, matlab, R), program experiments (z-Tree), data analysis (matlab, R, MySQL), webdesign, all office software, imaging software on pixel and vector basis (e.g. PhotoShop, Illustrator), desktop publishing software (e.g. InDesign), operating systems: Linux, Windows, Mac

CITATION ResearcherID D-1806-2010: 632 times cited, 33.26 average per article, h-index 10  
 STATISTICS Google Scholar: 1660 citations, h-index 17 (accessed Jan 13, 2017)

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. 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. Jan Lorenz, Fabian Paetzel, and Markus S. Tepe (2017). *Just Don't Call it a Tax! Framing in an Experiment on Voting and Redistribution*. *Journal of Experimental Political Science*. to appear March 2017, preprint available at SSRN
2. 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
3. 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*
4. Michael D. König, Jan Lorenz, and Fabrizio Zilibotti (2016). *Innovation vs. imitation and the evolution of productivity distributions*. *Theoretical Economics* 11 (3), 1053–1102
5. Jan Lorenz, Heiko Rauhut, and Bernhard Kittel (2015). *Majoritarian Democracy Undermines Truth-Finding in Deliberative Committees*. *Research & Politics* (2), 1–10
6. 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
7. 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
8. 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
9. 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
10. Jan Lorenz and Dirk A. Lorenz (2010). *On Conditions for Convergence to Consensus*. *IEEE Transactions on Automatic Control* 55 (7), 1651–1656
11. 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
12. Jan Lorenz (2010). *Heterogeneous bounds of confidence: Meet, discuss and find consensus!* *Complexity* 15 (4), 43–52
13. 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
14. Jan Lorenz (2009). *Universality of movie rating distributions*. *European Physical Journal B* 71, 251–258
15. 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
16. 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
17. Jan Lorenz (2007a). *Continuous Opinion Dynamics under bounded confidence: A Survey*. *Int. Journal of Modern Physics C* 18 (12), 1819–1838
18. 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



19. 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
20. 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
21. 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

22. Jan Lorenz (2017). [Modeling the Evolution of Ideological Landscapes through Opinion Dynamics](#). In: *Advances in Social Simulation 2015*. available in Spring 2017. Springer
23. 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
24. 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
25. 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
26. 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
27. 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

28. Jan Lorenz (2014). [How Clustered Ideological Landscapes Emerge Through Opinion Dynamics](#). *ECPR General Conference Glasgow*
29. 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*
30. 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
31. Hubert Ramke, Stefan Mues, and Jan Lorenz (2004). [Vom Resteverkauf zum Verwertungsmanagement](#). *Der Versandhausberater*
32. 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*
33. Jan Lorenz (2003b). [Multidimensional Opinion Dynamics when Confidence Changes](#). In: *Economic Complexity 2003 Aix-en-Provence, France, May 8-12*

#### Theses

34. Jan Lorenz (2007c). [Repeated Averaging and Bounded Confidence-Modeling, Analysis and Simulation of Continuous Opinion Dynamics](#). Doctoral Dissertation
35. Jan Lorenz (2003a). [Mehrdimensionale Meinungsdynamik bei wechselndem Vertrauen](#). Diploma Thesis

#### MODELS

1. [Continuous Opinion Dynamics under Bounded Confidence](#), NetLogo User Community, March 2012

#### POSTERS

1. [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
2. [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
3. [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
4. [Die "Weisheit der Masse"](#), Nacht der Wissenschaft Oldenburg, 24.9.2010

5. [Universality in Continuous Opinion Dynamics: Empirical studies of movie rating distributions](#), COST MP0801 “Physics of Conflicts and Competition” Annual Meeting, Rome, Italy, 2009
6. [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. [Collective Resilience or How Public Policy Mood Cycles through Opinion Dynamics](#), FROM ONE MIND TO MANY Collective threat and collective resilience workshop, EHESS, Paris, Oct 21, 2016
2. [How Majority Rule Undermines Collective Truth-Finding](#), Symposium “Exploring Ignorance”, Graduate School of Decision Sciences, Konstanz, May 20, 2016
3. [Modeling the evolution of ideological landscapes through opinion dynamics](#), Social Simulation 2015 (ESSA), University of Groningen, Netherlands, Sep 15, 2015
4. [Data-driven modeling in continuous opinion dynamics](#), DPG Frühjahrstagung, Berlin Institute of Technology, Germany, Mar 18, 2015
5. [Two contributions for the design of societal institutions](#) (invited), DIAS Danish Institute for Advanced Study, University of Southern Denmark, Feb 26, 2015
6. [Agent-based modeling in Political Science, Sociology, and Social Psychology](#), BIGSSS Lecture Series, Universität Bremen, Dec 10, 2014
7. [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
8. [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
9. [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
10. [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
11. [The impact of voting rules on collective intelligence](#) (invited), ESI Autumn Workshop, Max-Planck-Institute for Economics, Jena, Germany, Nov 19, 2013
12. [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
13. [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
14. [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
15. [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
16. [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
17. [Crowd Wisdom and Deliberative Voting: Does Deliberation Improve Estimation Accuracy?](#), European Consortium for Political Research (ECPR) General Conference, University of Iceland, Reykjavik, Aug 25, 2011
18. [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
19. [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
20. [Mathematical ingenuity traced in the academic genealogy of mathematicians](#), Workshop “Modelling science – Understanding, forecasting, and communicating the science system”, Amsterdam, Netherlands, 2009
21. [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
22. [Growth in coupled multiplicative stochastic processes](#), International Workshop “The Physics Approach to Risk: Agent-based Models and Networks”, Zurich, Switzerland, 2008
23. [Continuous Opinion Dynamics](#), International Workshop Sociophysics: Status and Perspectives, ISI

Foundation, Torino, Italy, 2008

24. [Fostering Consensus in Continuous Opinion Dynamics under Bounded Confidence](#), Seminar “Modeling Socio-Economic Systems and Crisis”, ETH Zurich, Switzerland, 2008
25. [Is there an Optimal Level of Globalization? Stochastic Fragility Dynamics with Trend Reinforcing](#), COST P10 “Physics of Risk” Annual Meeting, Palermo, Italy, 2007
26. [Continuous Opinion Dynamics under Bounded Confidence](#) (invited), Seminar “Large Graphs and Networks”, UCL, Louvain la Neuve, Belgium, 2007
27. [Threshold models of Continuous Opinion Dynamics: Clustering, Drifting, Convergence](#) (invited), Seminar “Interdisciplinary Physics”, IFISC, Palma de Mallorca, Spain, 2007
28. [Difference Equations in Continuous Opinion Dynamics under Bounded Confidence](#), Progress on Difference Equations, Laufen/Salzburg, Germany/Austria, 2007
29. [Wiederholtes Mitteln bei beschränktem Vertrauen: Modellierung, Analyse und Simulation von kontinuierlicher Meinungsdynamik](#), Vortrag zum Promotionskolloquium, Bremen, Germany, 2007
30. [Wie man das Erreichen eines Konsenses fördert](#) (invited), Seminar “Effizienz dezentraler Strukturen” Universität Bayreuth, Germany, 2006
31. [Convergence of products of stochastic matrices with positive diagonals and the opinion dynamics background](#), POSTA Positive System: Theory and Application, Grenoble, France, 2006
32. [Fostering Consensus](#), Potentials for Complexity Science in Business, Government and the Media, Collegium Budapest, Hungary, 2006
33. [About the power to enforce and prevent consensus](#), DPG Spring Meeting, Arbeitskreis Physik sozio-ökonomischer Systeme, Dresden, Germany, 2006
34. [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
35. [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 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 Sociomonist 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* [Blogs Avez-vous une influenc nefaste?](#), 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

*WIRED Science* [Sharing Information Corrupts Wisdom of Crowds](#), Brandon Keim, May 16, 2011

On crowd and swarm intelligence:

*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

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*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

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