

# Berno Buechel

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## Research Interests

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*Social Networks, Game Theory & Microeconomics*

## Employment

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Current Position.....	
<b>Professor of Economics</b>	<b>since 2017</b>
<i>University of Fribourg, Faculty of Economics and Social Sciences</i>	
Former Positions.....	
<b>Research Associate</b>	<b>2015–2017</b>
<i>Liechtenstein-Institute &amp; University of St. Gallen, Institute of Economics (FGN)</i>	
<b>Post-doc</b>	<b>2011–2015</b>
<i>University of Hamburg, Chair of Microeconomics and Industrial Organization</i>	
<b>Post-doc</b>	<b>2009–2011</b>
<i>Saarland University, Chair of Economic Theory</i>	

## Education

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<b>Habilitation in Economics</b>	<b>2009–2015</b>
<i>University of Hamburg, School of Economics and Social Sciences</i>	
<b>dr. rer. pol. (Doctorate in Economics)</b>	<b>2005–2009</b>
<i>Bielefeld University, Institute of Mathematical Economics</i>	
<b>Visiting Ph.D student</b>	<b>2006–2007</b>
<i>University Paris I – Panthéon-Sorbonne, Sorbonne Economic Center</i>	
<b>lic. rer. pol. (Master's degree in Business Administration)</b>	<b>2000–2005</b>
<i>University of Bern</i>	
Majors: Management Science, Sociology. Minors: Media Science, Economics	

## Publications

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**Summary Statistics**.....

Publications in international peer-reviewed journals: **12**  
Citations: **238**; h-index: **7**; h-index annual: **0.50**; g-index: **15** (computed with *Harzing's Publish or Perish* on Google Scholar profile in October 2019)

## Journal Articles

- [1] Berno Buechel and Lydia Mechtenberg. The swing voter's curse in social networks. *Games and Economic Behavior*, 118:241 – 268, 2019.
- [2] Berno Buechel, Stefan Klößner, Martin Lochmüller, and Heiko Rauhut. The strength of weak leaders: an experiment on social influence and social learning in teams. *Experimental Economics*, <https://doi.org/10.1007/s10683-019-09614-1>, 2019.
- [3] Berno Buechel, Lydia Mechtenberg, and Julia Petersen. If I can do it, so can you! Peer effects on perseverance. *Journal of Economic Behavior & Organization*, 155:301 – 314, 2018.
- [4] Berno Buechel and Gerd Muehlheusser. Black sheep or scapegoats? Implementable monitoring policies under unobservable levels of misbehavior. *The Journal of Legal Studies*, 45(2):331–366, 2016.
- [5] Berno Buechel and Jan F. Klein. Restrictions in spatial competition: The effects on firms and consumers. *Homo Oeconomicus - Journal of Behavioral and Institutional Economics*, 33(1):157–172, 2016.
- [6] Berno Buechel, Eike Emrich, and Stefanie Pohlkamp. Nobody's innocent: the role of customers in the doping dilemma. *Journal of Sports Economics*, 17(8):767–789, 2016.
- [7] Berno Buechel, Tim Hellmann, and Stefan Kloessner. Opinion dynamics and wisdom under conformity. *Journal of Economic Dynamics and Control*, 52(C):240–257, 2015.
- [8] Berno Buechel and Nils Roehl. Robust equilibria in location games. *European Journal of Operational Research*, 240(2):505–517, 2015.
- [9] Berno Buechel, Tim Hellmann, and Michael M. Pichler. The dynamics of continuous cultural traits in social networks. *Journal of Economic Theory*, 154(C):274–309, 2014.
- [10] Berno Buechel. Condorcet winners on median spaces. *Social Choice and Welfare*, 42(3):735–750, 2014.
- [11] Berno Buechel and Vincent Buskens. The dynamics of closeness and betweenness. *The Journal of Mathematical Sociology*, 37(3):159–191, 2013.
- [12] Berno Buechel and Tim Hellmann. Under-connected and over-connected networks: the role of externalities in strategic network formation. *Review of Economic Design*, 16(1):71–87, 2012.

## Contributions to Books

- [1] Berno Buechel. Network formation with closeness incentives. In Ahmad K. Naimzada, Silvana Stefani, and Anna Torriero, editors, *Networks, Topology and Dynamics*, volume 613 of *Lecture Notes in Economics and Mathematical Systems*, pages 95–109. Springer Berlin Heidelberg, 2009.
- [2] Berno Buechel, Thorsten Teichert, and Katja Rost. Netzwerkanwendungen und Soziales Kapital in der Betriebswirtschaftslehre. In Uwe Serdült, editor, *Anwendungen sozialer Netzwerkanalyse 2004*, volume 3 of *Zürcher Politik- & Evaluationsstudien*, pages 55–70. Universität Zürich, 2005.

## Current Working Papers.....

[1] Berno Buechel, Eberhard Feess, and Gerd Muehlheusser. Optimal law enforcement with sophisticated and naive offenders. *Submitted*.

[2] Berno Buechel and Philemon Krähenmann. Fixed price equilibria on peer-to-peer platforms: Lessons from time-based currencies. University of Fribourg.

(The latest version of each working paper can be found at [www.berno.info](http://www.berno.info).)

## Others .....

[1] Andreas Brunhart and Berno Buechel. Das verfügbare Einkommen in Liechtenstein im Vergleich mit der Schweiz. *Studie im Auftrag der liechtensteinischen Regierung*, 2016.

[2] Andreas Brunhart and Berno Buechel. Ungleichheit in Liechtenstein: Entwicklung bei Vermögen und Einkommen. *LI Focus*, 3, 2016.

## Presentations

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**2019:** *34th Annual Congress of the European Economic Association (EEA)*, Manchester University. *Annual Meeting of the Committee for Organizational Economics*, Humboldt University, Berlin. Research seminar in Maastricht.

**2018:** *Fourth Annual Conference on Network Science and Economics*, Vanderbilt University, Nashville. *THE PIIK – 3rd Swiss Symposium on Network Science*, University of Zurich. *15. Wirtschaftspolitisches Seminar Alpenrhein*, Liechtenstein-Institute, Bendern. *7th Workshop on Networks in Economics and Finance*, IMT School for Advanced Studies, in Lucca, Italy.

**2017:** *17th Society for the Advancement of Economic Theory (SAET) Conference on Current Trends in Economics*, in Faro, Portugal. *22th Coalition Theory Network Workshop*, Adam Smith Business School at the University of Glasgow. *12th Workshop on Economic Design and Institutions (WEDI)*, Université Saint-Louis in Brussels.

**2016:** *21th Coalition Theory Network Workshop*, New School of Economics in Moscow. *Swiss Theory Day*, University of Zurich. *Swiss Society of Economics and Statistics (SSES) Annual Congress*, Università della Svizzera italiana in Lugano. Research seminars in Moscow (Higher School of Economics) and Marseilles.

**2015:** *Lisbon Meetings in Game Theory and Applications 2015*, Universidade de Lisboa. *NSF Network Science in Economics conference: Information Transmission in Networks*, Harvard University. *Public Economic Theory Conference (PET 15)*, University of Luxembourg. Research seminars in Brussels (Université Saint-Louis), Hamburg, St. Gallen, and Stanford.

**2014:** *19th Coalition Theory Network Workshop*, Université Saint-Louis in Brussels. Research seminars in Bern, Hamburg, and St. Gallen.

**2013:** *ESI Autumn Workshop of Max Planck Institute of Economics*, Jena. *Verein für Socialpolitik*, Annual Congress, University of Düsseldorf. *28th International Sunbelt Social Networks Conference*, University of Hamburg. Research seminars in Hamburg, Kiel, and Zürich (ETH).

**2012:** *4th World Congress of the Game Theory Society (Games 2012)*, Bilgi University, Istanbul. *8th Spain-Italy-Netherlands Meeting on Game Theory (SING 8)*, Corvinus University, Budapest. *Third International Workshop Models of Influence and Network Theory (MINT3)*, University of Paris 1 – Panthéon-Sorbonne. Research seminars in Belfast, Hamburg, Leipzig, and Saarbrücken.

**2011:** *7th Spain-Italy-Netherlands Meeting on Game Theory (SING 7)*, Telecom Paristech. *Game Theory and Society*, ETH Zürich. Research seminars in Karlsruhe, Saarbrücken, and Hamburg.

**2010:** *Conference of the Association for Public Economic Theory (PET 10)*, Bogaziçi University, Istanbul. Research seminars in Bielefeld, Karlsruhe, and Saarbrücken.

**2009:** *European meeting of the Econometric Society (ESEM)*, Autònoma / Pompeu Fabra Barcelona. *14th Coalition Theory Network Workshop*, Maastricht University. Research seminars in Bielefeld, Konstanz,

Frankfurt, and Saarbrücken (Max-Planck-Institut f. Informatik).

**2008:** *28th International Sunbelt Social Networks Conference*, St. Pete (Florida). Research seminars and workshops in Bielefeld and Paris.

**2007:** *Workshop on Networks, Topology and Dynamics (NET 2007)*, University of Urbino. *6th Workshop on Networks and Sociology: Dynamic Networks*, Utrecht University. Research seminars and workshops in Bern, Bielefeld, and Paris.

**Conferences until 2007 (some attended without presenting):** *International Conference on the Formation of Social Networks ADIS 2007*, in Paris. *22th International Social Networks Conference INSNA 2007*, in Corfu. *Economic Analysis of Heterogeneity (Summer School) 2006*, CORE in Louvain-la-Neuve. *Economic Theory and Experimental Economics 2005*, FEEM-SET in Milano. *Applications of Social Network Analysis 2004*, University of Zurich / ETH Zurich. *Rational Choice in Sociology (Workshop) 2002*, Venice International University.

## Teaching

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Supervision.....

Supervision of PhD candidates *Anis Nassar, Guanghui Yuan*

PhD committee member *Michael M. Weber, Stephanie Fuerer, Arno Apffelstaedt*

Supervision of many Bachelor's and Master's theses

Undergraduate Courses.....

**Microeconomics I:** Lecture *Fribourg, Fall 2017, Fall 2018, Fall 2019*

**Law & Economics (Ökonomische Analyse des Rechts):** Lecture *Fribourg, Spring 2018, Spring 2019*

**Industrial Organization:** Lecture *Hamburg, Fall 2014, Fall 2013*

**Game Theory:** Lecture *Hamburg, Spring 2014, Spring 2013*

Graduate Courses.....

**Deep Micro (Vertiefungskurs Mikroökonomie):** Lecture *Fribourg, Fall 2018*

**Digital Economy:** Lecture *Fribourg, Spring 2019*

**Network Science & Economics:** Lecture *Fribourg, Spring 2017, Spring 2018; Hamburg, Spring 2015, Spring 2013, Spring 2012; Saarbrücken, Spring 2011, Spring 2010; Bielefeld, Spring 2009*

**Social Network Theory and Peer Effects:** Seminar joint w. Lydia Mechtenberg *Hamburg, Spring 2014*

**The Economics of Strategy (Märkte und Strategien):** Lecture *Fribourg, Fall 2017, Fall 2019*

## Other Academic Activities

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Refereeing.....

*Dynamic Games and Applications (DGAA), European Journal of Operational Research (EJOR), Experimental Economics, Games, Games and Economic Behavior (GEB), International Economic Review (IER), Journal of Economic Behavior and Organization (JEBO), Journal of Economic Dynamics and Control (JEDC), Journal of Economic Theory (JET), Journal of Economics & Management Strategy (JEMS), Journal of Environmental Economics and Management (JEEM), Journal of Institutional and Theoretical Economics (JITE), Journal of Mathematical Economics (JME), Journal of the European Economic Association (JEEA), Journal of Sports Economics, Management Science, Mathematical Social Sciences, Mathematics of Operations Research, Network Science, Networks, PeerJ Computer Science, PLoS ONE, Review of Industrial Organization (RIO), Review of Network Economics, Swiss Journal of Economics and Statistics (SJES), The Economic Journal*

**Memberships (currently)**.....

*Econometric Society, American Economic Association, European Economic Association, Verein für Socialpolitik, Committee for Organizational Economics*

## Honor & Awards.....

- o Travel grant of the Fritz Thyssen Foundation to visit the *Department of Economics at Stanford University*, hosted by Matthew O. Jackson, 2015.
- o Best Poster Award at the Workshop *New Developments in Signaling and Game Theory*, ETH Zurich, 2012.
- o Nominated to attend the *Nobel Laureate Meeting at Lindau*, the 4th meeting on economic sciences, 2011.
- o Doctoral fellowship of the German Science Foundation (within the international research training group *Economic Behavior and Interaction Models*), 2005 – 2008.

## Research Visits.....

- o Feb, Mar 2015: Dep. of Economics, Stanford University (USA)
- o Oct, Nov 2008: Dep. of Economics, University of Konstanz (Germany)
- o Jul 2007: Dep. of Sociology, Utrecht University (Netherlands)
- o Sep 2006 – Jun 2007: Sorbonne Economic Center, University Paris I – Panthéon-Sorbonne (France)
- o Apr – Sep 2004: Howe School of Technology Management, Stevens Institute of Technology, Hoboken (USA)

## Service to the University.....

- o Co-Member of the board of the graduate school, School of Economics and Social Sciences, University of Hamburg, 2014–2015.
- o Co-Member of the Ph.D. board of the School of Economics and Social Sciences, University of Hamburg, since 2014–2015.
- o Member of the Ph.D. commission for Economics, University of Hamburg, since 2011–2015.
- o Member of the Ph.D. commission for Economics, Saarland University, 2010–2011.

## Professional Experience

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**Internships:** io-market AG (E-Business software); Wirtschaft regional (newspaper); Office of Economic Affairs of Liechtenstein (Bureau of Statistics); AAW AG (automotive industry)

**Data analysis services:** Analysis of survey data for various institutions in Liechtenstein. Surveys on opinions within a political party; on need for child care; on behavior disordered children in schools; on housing in the third phase of life.

## Miscellaneous

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**Media Coverage:** LSE Business review, 2019. horizons – the swiss research magazine, 2019. Oekonomenstimme, 2018. Wirtschaft regional (a weekly newspaper) 2016, 2017, 2018. The Economist, 2013.

**Preferred Software:** L<sup>A</sup>T<sub>E</sub>X, Visone, Stata

**Languages:** German (mother tongue), English (fluent), French (improving)

## Personal Information

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**Date of Birth:** December 16, 1980

**Nationality:** Liechtenstein

**Place of Birth:** Chur (Switzerland)

**Family Status:** married, four children

**Links:** Google Scholar Citations, ResearchGate profile, RePEc-IDEAS profile, [orcid.org/0000-0001-8709-7877](http://orcid.org/0000-0001-8709-7877), Swiss Center for Data + Network Sciences, Homepage [www.berno.info](http://www.berno.info)

Fribourg, October 5, 2019