

Berno Buechel

Chair of Microeconomics, Department of Economics, University of Fribourg
Bd. de Pérolles 90, CH-1700 Fribourg, Switzerland
✉ berno.buechel@unifr.ch • 🌐 www.berno.info

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Research Interests

Social Networks, Game Theory & Microeconomics

Employment

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

Education

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

Publications

Summary Statistics.....

Publications in international peer-reviewed journals: **13**
Citations: **333**; h-index: **9**; h-index-norm: **7**; g-index: **18** (all computed with *Harzing's Publish or Perish* on Google Scholar profile in March 2021)

Journal Articles.....

- [1] Berno Buechel, Eberhard Feess, and Gerd Muehlheusser. Optimal law enforcement with sophisticated and naïve offenders. *Journal of Economic Behavior & Organization*, 177:836–857, 2020.
- [2] Berno Buechel and Lydia Mechtenberg. The swing voter’s curse in social networks. *Games and Economic Behavior*, 118:241 – 268, 2019.
- [3] 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*, 23(2):259–293, 2019.
- [4] 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.
- [5] 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.
- [6] 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.
- [7] 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.
- [8] Berno Buechel, Tim Hellmann, and Stefan Kloessner. Opinion dynamics and wisdom under conformity. *Journal of Economic Dynamics and Control*, 52(C):240–257, 2015.
- [9] Berno Buechel and Nils Roehl. Robust equilibria in location games. *European Journal of Operational Research*, 240(2):505–517, 2015.
- [10] 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.
- [11] Berno Buechel. Condorcet winners on median spaces. *Social Choice and Welfare*, 42(3):735–750, 2014.
- [12] Berno Buechel and Vincent Buskens. The dynamics of closeness and betweenness. *The Journal of Mathematical Sociology*, 37(3):159–191, 2013.
- [13] 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 and Work in Progress.....

[1] Berno Buechel, Lydia Mechtenberg, and Alexander F. Wagner. When do proxy advisors improve corporate decisions?

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

[3] Fanyuan Meng, Matus Medo, and Berno Buechel. Whom to trust in a signed network? Optimal solution and two heuristic rules.

[4] Berno Buechel, Selina Gangl, and Martin Huber. How residence permits affect the labor market attachment of foreign workers: Evidence from a migration lottery in liechtenstein. Work in progress.

[5] Berno Buechel, Stefan Kloessner, Fanyuan Meng, and Anis Nassar. Misinformation due to asymmetric information sharing. Work in progress.

(The latest version of each working paper can be found at www.berno.info.)

Policy Papers

[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

2020: *World Congress of the Econometric Society*, Bocconi University (virtual).

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 PIK – 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: *NSF Network Science in Economics conference: Information Transmission in Networks*, Harvard University. *Public Economic Theory Conference (PET 15)*, University of Luxembourg. *Lisbon Meetings in Game Theory and Applications*, Universidade de Lisboa. 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.

Teaching

Supervision.....

Supervision of PhD candidates *Anis Nassar*

PhD committee member *Michael M. Weber, Stephanie Fuerer, Arno Appfelstaedt, Alexis Pointron, Akylai Taalaibekova, Vladimir Anic, Fen Li*

Supervision of Bachelor's and Master's theses *many*

Undergraduate Courses.....

Microeconomics I: Lecture *Fribourg, every Fall*

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

Industrial Organization: Lecture *Hamburg*

Game Theory: Lecture *Hamburg*

Graduate Courses.....

Advanced Microeconomics: Lecture *Fribourg, every Fall*

Digital Economy: Lecture *Fribourg, every second Spring*

Network Science & Economics: Lecture *Fribourg, every second Spring; Hamburg; Saarbrücken; Bielefeld*

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

The Economics of Strategy (Märkte und Strategien): Lecture *Fribourg, every second Fall*

Other Academic Activities

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 Environ-

mental 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, 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 Student Advisor, MSc program in Data Analytics & Economics, University of Fribourg, since 2020.
- 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

Internships: io-market AG (E-Business software); Wirtschaft regional (newspaper); Office of Economic Affairs of Liechtenstein (Bureau of Statistics); Carcoustics/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

Media Coverage: LSE Business review, 2019. horizons – the swiss research magazine, 2019. Oekonomenstimme, 2018. Wirtschaft regional (a weekly newspaper) 2016, 2017, 2018, 2019, 2020. The Economist, 2013.

Preferred Software: L^AT_EX, Visone, Stata, R, Python

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

Personal Information

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, Swiss Center for Data + Network Sciences, Homepage www.berno.info

Fribourg, March 31, 2021