LAURENCE BRANDENBERGER

ETH, Chair of Systems Design
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Education

2019	PhD in Political Science, University of Bern, Department of Social Sciences
2015	Santa Fe Institute, Complex Systems Summer School, Santa Fe, NM
2014	MA in Sociology, University of Bern, *summa cum laude*
2013	BA in Sociology, University of Bern

Employment

2018 -	Post-Doc at ETH Zurich, Chair of Systems Design
2014 - 2019	PhD student at Eawag, the Water Research Institute of ETH Domain, Department of Environmental Social Sciences (secondary affiliation: University of Bern, Institute of Political Science)
	Supervisors: Philip Leifeld (University of Glasgow) and Karin Ingold (University of Bern)
2015	Visiting scholar at the Department of Politics and Public Administration, University of Konstanz, Germany
2011 - 2014	Student research assistant of Prof. Ben Jann, Institute of Sociology, University of Bern
2011	Student research assistant of Prof. Axel Franzen and Katrin Botzen, M.A., Institute of Sociology, University of Bern

Publications

Peer-Reviewed Journal Articles

(2016 Impact factors and rank in their respective ISI category in parentheses)

2019 **Brandenberger, Laurence** (2019). Predicting Network Events to Assess Goodness-of-Fit for Relational Event Models. Political Analysis. Forthcoming.
(3.361, #5–Political Science); [link to replication files]

2018 **Brandenberger, Laurence** (2018). Trading Favors – Examining the Temporal Dynamics of Reciprocity in Congressional Collaborations Using Relational Event Models. *Social Networks*, 54:238-253.
(2.462, #14–Sociology); [link to replication files]

2018 Malang, Thomas, **Laurence Brandenberger** and Philip Leifeld (2018). Networks and Social Influence in European Legislative Politics. *British Journal of Political Science*. DOI:10.1017/S0007123417000217.

Articles Under Review

2017 Leifeld, Philip and **Laurence Brandenberger** (2017). Endogenous Coalition Formation in Policy Debates. Reformulate and resubmit.

2019 **Brandenberger, Laurence**, Karin Ingold, Manuel Fischer, Isabelle Schläpfer and Philip Leifeld (2017). Beyond Policy Subsystems? Actor–Issue Networks in Swiss Water Policy Making. Revise and resubmit.

Articles in Preparation

2019 Casiraghi, Giona, Simon Schweighofer, **Laurence Brandenberger** and Frank Schweitzer (2019). Predicting Offline Political Support with Online Social Behavior.

2019 **Brandenberger, Laurence**, Giona Casiraghi, Vahan Nanumyan and Frank Schweitzer (2019). Quantifying Triadic Closure in Multi-Edge Social Networks.

2018 Metz, Florence and **Laurence Brandenberger** (2018). Decision-Making Networks Across Political Systems.

Data Documentations and Reports

2014 Meyer Schweizer, Ruth, Ben Jann, Laurence Brandenberger und Simon Hugi (2014). Gesamtauswertung der Mitgliederbefragung an den Schweizer Seniorenuniversitäten 2012. Technical Report. University of Bern.

2012 Jann, Ben and Laurence Brandenberger (2012). An Experimental Survey Measuring Plagiarism Using the Crosswise Model. Codebook and Documentation. University of Bern.

2012 Jann, Ben and Laurence Brandenberger (2012). An Experimental Survey Measuring Plagiarism Using the Randomized Response Technique. Codebook and Documentation. University of Bern.

Software Development

rem R-package for the estimation of Relational Event Models. R package version 1.3.1. Latest Version on CRAN; Github repository.

Awards and Grants

2016	Travel Grant to attend the 33rd Annual Meeting of the Society for Political Methodology (Polmeth Conference), Houston TX, July/August 2016, $1,567
2015	Grant to attend the Complex Systems Summer School at the Santa Fe Institute, Berne University Research Foundation (IMG), grant #4/15, $4,400

Teaching

University Courses

Fall 2017	Social Networks [Soziale Netzwerke, #424297]. Proseminar, University of Bern.
Fall 2016	Political Networks [Politische Netzwerke, #424297]. Proseminar, University of Bern.

Winter/Summer Schools and Workshops

2016 - 2018	Inferential Network Analysis (WD208). Teaching Assistant of Philip Leifeld at the ECPR Winter School in Methods & Techniques, University of Bamberg, Bamberg (DE). Annual one-week course (2016, 2017, 2018).

Thesis Supervision

2018	Bachelor Thesis of Marco Wyss on the potential bias students with migration background face when applying for apprenticeships.
2018	Bachelor Thesis of Oscar Thees on the use of hyperlink networks in social sciences. Co-supervision with Mario Angst.

Research Project Involvement

2019 - 2021	"Analyzing Co-Sponsorship Networks from 127 Years of the Swiss Federal Assembly" (Nr. 184963, PI: Prof. Dr. Dr. Frank Schweitzer, funded by the Swiss National Science Foundation (SNF). Post-Doctoral researcher.
2018 - 2020	"A research platform for data-driven democracy studies in Switzerland - DemocraSci" A data science collaboration with the Swiss Data Science Center SDSC (PI: Prof. Dr. Dr. Frank Schweitzer), funded by the ETH Board. Research consultant.
2014 - 2017	"Overlapping Subsystems: Identification and Integration of Fragmented Games in Swiss Water Politics" (Nr. 149410, PI: Prof. Dr. Karin Ingold), funded by the Swiss National Science Foundation (SNF). Research assistant.

Presentations

2018 "Using an Automated Approach for the Identification of Coalitions in Policy Processes". Presentation at the annual conference of the Swiss Political Science Association, University of Geneva, Geneva (CH), February 5-6, 2018.

2017 "Predicting relational events". Presentation at the Third European Conference on Social Networks (EUSN), Johannes Gutenberg-University, Mainz (DE), September 26-29, 2017.

2017 "Information exchange in interwoven policy networks". Presentation at the Annual Convention of the Swiss Political Science Association, University of St. Gallen, St. Gallen (CH), January 12, 2017.

2017 "Predicting relational events". Presentation at the Annual Convention of the Swiss Political Science Association, University of St. Gallen, St. Gallen (CH), January 12, 2017.

2016 "Goodness-of-fit measures for temporal event network models". Poster presentation at the 33rd annual meeting of the Society for Political Methodology, Rice University, Houston (US), July 23, 2016.

2016 "Boundary Spanning across Adjacent Policy Subsystems: Actor–Issue Relations in Swiss Water Politics". Presentation at the Annual Convention of the Swiss Political Science Association, University of Basel, Basel (CH), January 21 2016.

2015 "National Parliamentary Coordination after Lisbon: A Network Approach". Presentation at the PhD-colloquium for Public Policy and Regulation, Institute of Political Science, University of Bern, Bern (CH), October 20 2015.

2015 "Coordination patterns in policy debates". Presentation at the Brown Bag Seminar, Department of Politics and Public Administration, University of Konstanz, Germany, May 22 2015.

2014 "Studying behavioral mechanisms in the policy process and political discourse". Presentation at the Environmental Social Sciences Seminar, Department of Environmental Social Sciences, Eawag (Swiss Federal Institute of Aquatic Science and Technology), Dübendorf (CH), November 14 2014.

2014 "Studying behavioral mechanisms in the policy process and political discourse". Presentation at the Political Science Colloquium, Institute of Political Science, University of Bern, Bern (CH), October 13 2014.

2014 "Overlapping Subsystems. Identification and Integration of Fragmented Games in Swiss Water Politics. Project Overview". Presentation at the Seminar on Transboundary Water Management, University of Bern and University of Geneva, Cully (CH), October 10 2014.