

Achim Edelmann

APPOINTMENTS

- 2021 - **Assistant Professor of Computational Social Science, médialab & Department of Sociology, Sciences Po Paris**
- 2020 - **Head of Research Group, Computational Social Science, University of Bern**
- 2019 - 2020 Visiting Fellow, Department of Sociology, London School of Economics & Political Science
- 2018 - 2019 Visiting Fellow, Department of Methodology, London School of Economics & Political Science
- 2015 - 2020 **Lecturer, Institute of Sociology, University of Bern**

EDUCATION AND TRAINING

- 2019 Habilitation, University of Bern (*Venia Legendi for Sociology*)
Thesis: "Structure and Culture: Computational and Formal Approaches."
- 2013 - 2015 Postdoctoral Trainee, Duke University
- 2013 PhD Sociology, University of Cambridge, King's College
- 2007 MSc Social Anthropology, London School of Economics and Political Science
- 2006 Dipl Sociology, University of Munich

PUBLICATIONS

- James Moody, **Achim Edelmann**, and Ryan Light. 2022. 100 Years of *Social Forces* as seen through Bibliometric Publication Patterns. *Social Forces* 101(1). 38-75.
- Ryan Light, Nicholas Theis, **Achim Edelmann**, James Moody, and Richard York. 2021. A Comparative Network and Text Analysis of Consensus and Anti-Consensus Scientists. *Social Networks*.
- Achim Edelmann**, Tom Wolff, Danielle Montagne, and Christopher Bail. 2020. "Computational Social Science and Sociology." *Annual Review of Sociology* 46, 61-81.
- Achim Edelmann**. 2019. "Boundary Violations and Adolescent Drinking: Observational Evidence that Symbolic Boundaries Moderate Social Influence." *PLoS ONE* 14(11): e0224185.
- Achim Edelmann**. 2018. "Formalizing Symbolic Boundaries." *Poetics* 68, 120-130.
- Achim Edelmann**. 2018. "Culturally Meaningful Networks: On the Transition from Military to Civilian Life." *Theory and Society* 47(3), 327-380.
- Achim Edelmann** and John Mohr. 2018. "Formal Studies of Culture: Issues, Challenges, and Trends." *Poetics* 68, 1-9.
- Achim Edelmann**. 2018. "The Contribution of John Mohr's 'Measuring Meaning Structures'." In: Boris Holzer and Christian Stegbauer (eds) *Schlüsselwerke der Netzwerkforschung*. Springer. 419-427.
- Achim Edelmann**, James Moody and Ryan Light. 2017. "When Scientists Take a Stance on Contentious Issues: Disparate Foundations of Scientists' Policy Positions on Contentious Biomedical Research." *Proceedings of the National Academy of Sciences* 114(24), 6262-6267.
- Shaun Kellogg and **Achim Edelmann**. 2015. "Massively Open Online Course for Educators (MOOC-Ed) Network Dataset." *British Journal of Educational Technology* 46(5), 977-983.
- Achim Edelmann** and Stephen Vaisey. 2014. "Cultural Resources and Cultural Distinction in Networks." *Poetics* 46, 22-37.
- Stuart R. Borrett, James Moody, and **Achim Edelmann**. 2014. "The Rise of Network Ecology: Maps of the Topic Diversity and Scientific Collaboration." *Ecological Modelling* 293, 111-127.

FELLOWSHIPS, AWARDS, AND GRANTS (SELECTION)

- 2020 - 2024 **Principal Investigator:** “*The role of science and politics in sharing misinformation--towards evidence-based mechanisms for countering misinformation.*”
- 2020 - 2024 **Principal Investigator:** “*Modeling Meaning in Text Data for the Social Sciences.*” Swiss National Science Foundation.
- 2021 - 2022 **Principal Investigator:** “*Tracking Disinformation: Testing Effects of Information Veracity, Source Credibility, and Partisanship On Sharing Behavior.*” Swiss Federal Office of Communications & IMG Foundation.
- 2020 - 2021 **Principal Investigator:** “*Fake News and Disinformation Cascades on WhatsApp.*” Swiss National Science Foundation.
- 2016 - 2019 Research Grants, IMG Foundation, and SAGW.
- 2018 Fellowship, Department of Methodology, London School of Economics and Political Science
- 2017 - 2018 Initiator Grants and Early Career Promotion, University of Bern.
- 2016 “*Formal Approaches to Culture.*” Workshop Grant, Swiss National Science Foundation.
- 2016 Fund for the Promotion of Excellent Young Researchers, University of Bern.
- 2016 Data Investment Grants, University of Bern, and F.A.Z.I.T. Foundation.
- 2016 Scientific Event Grants, Fondation Johanna Dürmüller-Bol, and Burgergemeinde Bern.
- 2007 - 2012 Doctoral Fellowship for Excellency, German National Academic Foundation.
- 2008 - 2011 Fee Awards for Excellency, Cambridge European Trust.
- 2008 - 2009 Anglo-California Foundation Scholarship, University of California at Berkeley.

PATENT APPLICATIONS

- 2021, July EP21187892.1: “Computer System and Method With Referral Tracking for Shared Content,” application filed at the European Patent Office.

SERVICE

Boards

2020 - Swiss Sociological Association

University of Bern

2019 - 2021 Curriculum development, ad-hoc committee for Minor in “Applied Data Science”

2015 - Junior Faculty Association

Duke University

2013 - 2015 Co-organizer, Culture and Cognition Workshop, Department of Sociology

2013 - 2015 Student/Faculty Advisor on Design and Implementation of Quantitative and Qualitative Network Research, Social Science Research Institute

2013 - 2015 Convener, Duke Network Analysis Center interdisciplinary seminar series on network science

University of Cambridge

2011 - 2012 Co-organizer, Individual in the Labour Market Reading Group, Department of Sociology

2010 Admission Officer, Selection Committee for “Politics, Psychology, Sociology” Tripos

2008 - 2010 Graduate Representative, College Council and Governing Body, King’s College, Cambridge

2007 - 2008 International Officer, Graduate Student Society, King’s College, Cambridge

American Sociological Association

2016 Coordinator, Theory Section’s Roundtable Session for the 2016 Annual Meeting

Reviewer: American Sociological Review, American Journal of Sociology, European Sociological Review, Theory & Society, Social Networks, Poetics, Social Currents, Journal of Social Structure, Socius, SNSF Project Grants, ERC Starting Grants

Editor: Guest-editor at Poetics

PRESENTATIONS

- “Selection into Public Debates.” Nordic Network for the Science of Science, **University of Helsinki, 2022**
- “When do Scientists Engage in Contentious Public Debates.” Institute of Sociology, **University of Munich, 2021**
- “Truth and Source Credibility in Disinformation Cascades.” Institute of Communication and Media Studies, **University of Bern, 2021**
- “Research at the médialab.” **Sciences Po, Paris, 2021**
- “Reassessing the link between immigration and support for social policy.” Quantitative Methods Club, **University of Copenhagen, 2020**
- “Estimating ‘Causal’ Effects of Network Structure—An Inverse Probability of Treatment Weighting Approach?” Invited presentation, Warwick Q-Step Centre, **University of Warwick, 2020**
- “Towards Explaining Scientists’ Engagements in Debates?” Invited presentation, Institute of Sociology, **University of Zurich, 2020**
- “Symbolic Boundaries and Social Networks.” Invited presentation, Faculty of Social Sciences and Philosophy, **University of Leipzig, 2020**
- “When Do Scientists Engage in Contentious Public Debates?” médialab, Sciences Po, **Paris, 2020**
- “Gender Differential Effect of College on Socio-Political Orientation Over 40 Years—a Propensity Score Weighting Approach.” Invited presentation, Annual Meeting of the American Sociological Association, **San Francisco, CA, 2020**
- “Ethnical Discrimination in Digital Markets: The Case of a Peer-to-Peer Financial Trading Platform.” Invited presentation, Annual Meeting of the ASA, **San Francisco, CA, 2020**
- “Clouding Climate Science: A Comparative Network and Text Analysis of Anti-Consensus Scientists.” Invited presentation, Annual Meeting of the ASA, **San Francisco, CA, 2020**
- “What Shapes Scientists’ Position Taking in Contested Public Debates.” Invited presentation. Complexity Science Hub Vienna, **Vienna, 2020**
- “Computational Tools for the Social Sciences.” Invited presentation, Center for Social Data Science, University of Copenhagen, **Copenhagen, 2019**
- “Migrants in the Media—a Computational Approach to Analyze Public Discourse.” Invited presentation, Network Models of Culture and Discourse, POLNET+ Summer School, University of **Konstanz, 2019**
- “Advancing an Understanding the Role of Symbolic Boundaries in Social Life.” Invited presentation, Faculty of Business, Economics and Social Sciences, University of **Bern, 2019**
- “When Scientists Take a Stand.” Invited presentation, Department of Methodology, London School of Economics and Political Science, **London, 2019**
- “Discrimination on Peer-to-peer Trading Platforms—Results from a Cross-sectional Analysis.” Digital Societies, University of **Konstanz, 2019**
- “Cultural Classifications as Moderates of Social Influence.” Invited presentation, Center for Advanced Studies, Institute for Analytical Sociology, **Norrköping, 2018**
- “Networks, Culture, and Action.” Invited workshop presentation, Institute of Sociology and Social Psychology, University of **Cologne, 2018**
- “What Keeps Scientists from Engaging in Public Policy Debates?” Annual Meeting of the American Sociological Association, **Philadelphia, PA, 2018**
- “Computational Approaches to Analyzing Interview Data.” Invited presentation, Macrosociology und Empirical Sociology, University of **Konstanz, 2018**
- “Using Computational Tools to Uncover Structure and Status in Academic Fields and Public Debates.” Invited tandem lecture, Center for Advanced Studies, Quantitative Network Science, **Munich, 2017**
- “Formalizing Symbolic Boundaries and Conjectures on Social Diffusion in Blau-Space.” **Bern, 2016**
- “Symbolic Boundaries and Peer Influence on Alcohol Use.” Annual Meeting of the American Sociological Association, **Seattle, WA, 2016**
- “Measurement in the Social Sciences: Phenomena, Concept, and Operationalization.” Department of Sociology, University of **Cambridge, 2012**

WORKSHOPS / CONFERENCES ORGANIZED

- Program committee of the 3rd European Symposium on Societal Challenges in Computational Social Science: *Polarization and Radicalization*, **Zurich, 2019**
- Organizer and convenor, *Formalizing Culture*, with contributions from O. Lizardo, P. Bearman, R. Breiger, J. Foster, F. Goddard, M. Lee, J-L. Martin, J. Mohr, R. Sotoudeh, S. Vaisey, R. Wagner-Pacifici, **University of Bern, 2016**
- Organizer and convenor, *Duke Network Analysis Center Seminar Series* hosting nationally and internationally renowned scholars of network science, **Duke University, 2013-2015**
- Organizer, *Cultural Sociology Seminar Series*, Institute of Sociology, **Duke University, 2013-2015**
- Co-organizer, *Social Networks and Health Workshop*, Social Science Research Institute, **Duke University, 2014**
- Organizer, *Measurement in the Social Sciences Seminar Series*, Department of Sociology, **University of Cambridge, 2012**

TRAINING PROGRAMMES ORGANIZED

- 2020 *Computational Social Science—Accessing and Using Digital Data and Technologies* (practical, based on R), **University of Zurich**
- 2019 - 2020 *Computational Social Science—Accessing and Using Digital Data and Technologies* (practical, based on R), **University of Bern**
- 2014 - 2015 *Social Network Analysis*, Duke Network Analysis Center, **Duke University**

TEACHING

Sciences Po

Seminars :

- 2021 (WS) Misinformation in Digital Societies
- 2021 (WS) Computational Social Science (practical, based on R)
- 2021 (SS) Culture and Cognition: Insights from the Field of Sociology (seminar)

University of Bern

Seminars :

- 2019 - 2020 Introduction to Computational Social Science (block seminar, practical, based on R)
- 2020 (SS) Introduction to Pierre Bourdieu (undergraduate seminar)
- 2020 (WS) Fake News and Misinformation in Digital Societies (undergraduate and graduate seminar)
- 2020 (SS) Culture and Cognition (graduate seminar)
- 2019 (SS) Field Theories (graduate seminar)
- 2017 (WS) Operationalizing Culture (undergraduate and graduate seminar)
- 2017 (SS) Pierre Bourdieu—an Introduction (undergraduate seminar)
- 2016 (WS) The “Usefulness” of a Bourdieuan Perspective for Understanding Social Life (graduate seminar)
- 2016 (SS) Approaches to Culture (undergraduate and graduate seminar)
- 2015 (WS) Networks, Culture, and Cognition (graduate seminar)

Lectures :

- 2016 - 2020 Modern Social Theory (lecture)
- 2015 - 2020 Classical Social Theory (lecture)

Duke University

- 2013 - 2015 Social Network Analysis

University of Cambridge

- 2011 Social Research Practice, MPhil Modern Societies and Global Transformations (graduate seminar)
- 2009 - 2010 Politics, Psychology, and Sociology Tripos, Part I, Introduction to Sociology (supervisions)
- 2008 - 2009 Politics, Psychology, and Sociology Tripos, Part IIA, Social Theory (supervisions)

PROFESSIONAL AFFILIATIONS

German National Science Foundation, Swiss Sociological Association, American Sociological Association (Sociology of Culture, Theory, Economic Sociology, Mathematical Sociology, Methodology), British Sociological Association, International Network for Social Network Analysis

OPEN-ACCESS

Dataset #doi:10.7910/DVN/ZZH3UB (Harvard Dataverse)