

Hendrik Erz

PhD Student

Institute for Analytical Sociology (IAS)
Linköping University

Contact

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Research Interests

Sociology of Culture, Quantitative Sociology, Natural Language Processing, Large Language Models, Text As Data, Deep learning/Machine Learning, Computational Social Science

Education

- | | |
|-------------------|--|
| Since 2020 | PhD in Analytical Sociology, Linköping University |
| 2017 | M.A. in Sociology, University of Bonn |
| 2014 | B.A. in History, University of Bonn (minor: Political Science) |

Employment

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|----------------|---|
| 2019-20 | Researcher in Machine Learning / Artificial Intelligence
Institute for Peace Research and Security Policy (IFSH)
University of Hamburg |
| 2017-19 | Research Assistant Domestic Policy / Digitalization
Department for Political Science and Sociology
University of Bonn |

Publications

- | | |
|-------------|---|
| 2020 | Operative Porträts: eine Bildgeschichte der Identifizierbarkeit von Lavater bis Facebook. Von Roland Meyer. Soziologiemagazin 2020, 75–81. https://doi.org/10.3224/soz.v13i1.07 |
| 2020 | The Status Quo is a Dystopian Nightmare. engagée 9, 20–25. |
| 2020 | Künstliche Intelligenz und Daten: Eine Evaluation softwarebasierter militärischer Informationsgewinnung (Research Report No. 4). IFSH, Hamburg. https://ifsh.de/file/publication/Research_Report/004/20200701_Research_Report_004.pdf (accessed 07.01.21) |
| 2019 | Rezension zu Neoliberalismus — Wie alles anfangt: Das Walter Lippmann Kolloquium, verfasst von Hendrik Erz (Review). Soziologieblog. https://soziologieblog.hypotheses.org/12990 (accessed 10.23.19). |

- 2019** Der lange Schatten von Gustave Le Bon. Zum sprachlichen Einfluss der Crowd Science auf die Soziologie der Gewalt. *Soziologiemagazin* 2/2019, 71–88. <https://doi.org/10.3224/soz.v12i2.06>
- 2019** Schulz, A., Erz, H., Riedl, V. How to make a *Soziologiemagazin*. *Soziologiemagazin* 1/2019. <https://elibrary.utb.de/doi/pdf/10.3224/soz.v12i2.08> (accessed 07.01.21)
- 2018** Karl Marx und das digitale Zeitalter, in: *Klasse, Kapital und Revolution. 200 Jahre Marx*. Dietz, Bonn, pp. 145–156.
- 2017** Zygmunt Bauman: Die Angst vor den anderen (Review). *Widerspruch* 70/2017, 164–168.

Teaching

- 2022** **Logic of Social Inquiry**
M.Sc.; Teaching Assistant; Linköping University
- 2021** **Logic of Social Inquiry**
M.Sc.; Teaching Assistant; Linköping University
- 2019** **Introduction to Political Science**
B.A.; Teacher; University of Bonn
- Scientific Writing**
B.A.; Teacher; University of Bonn
- 2018** **Introduction to Political Science**
B.A.; Teacher; University of Bonn
- Introduction to Karl Marx' Capital (Reading Course)**
B.A.; Course Director; University of Bonn
- 2015** **Tutorial: Methods for Quantitative Sociology**
B.A.; Teaching Assistant; University of Bonn

Presentations

- 2022** **Text als Daten: Extraktion von Variablen mittels LSTM-Netzwerken**
Kongress der Deutschen Gesellschaft für Soziologie, Bielefeld, Germany.
- Extracting Agency from Textual Data Using LSTM Networks**
Conference of the International Network of Analytical Sociologists, Florence, Italy.
- Technological A11y: Zettlr Beyond the Code**
Invited Talk; Staatliche Hochschule für Gestaltung, Karlsruhe, Germany
- 2019** **From Arab Spring to Gilets Jaunes: Riots and the annihilation of legality**
Historical Materialism Athens Conference, Greece.
- 2017** **Terrorismus und der War on Terror**
Master Thesis Presentation, Studentischer Soziologiekongress, TU Chemnitz, Germany.

Volunteering

Since 2020	Soziologiemagazin, Head of Editorial Board
Since 2017	Zettlr Markdown Editor, Project Maintainer

Languages

German (native), English (fluent, C1), French (Moderate, A2)

Programming Languages & Frameworks

Scientific	Python, Stata, matplotlib, numpy, pandas, PyTorch
Front-End	JavaScript/TypeScript, HTML, LESS/SCSS/CSS
Back-End	Node.js, PHP, Rust, C/C++