

## EDUCATION

---

- Postdoctoral Fellow**, Center for Social Media and Politics (CSMaP) at New York University (NYU) **Nov 2022**  
Research topics: Polarization, misinformation, and media consumption as well as methodological development
- PhD student Communication Science**, Vrije Universiteit Amsterdam (VU) **since 2018**  
NWO-funded project “Tracking the Filter Bubble” supervised by Wouter van Atteveldt, Damian Trilling, Judith Möller
- Research Master Communication Science, MSc**, University of Amsterdam (UvA) **2016 — 2018**  
Thesis: “3bij3 – Developing a framework for researching recommender systems and their effects”
- Bachelor Communication Science and Philosophy, BA**, University of Erfurt **2013 — 2016**  
Thesis: “Opinion Leadership on Social Network Sites within the framework of the refugee issue”

## ACADEMIC AND WORK EXPERIENCE

---

- Participant International Summer School of Political Communication**, Milan **2022**
- Participant Summer Institute Computational Social Science (SICSS)**, Princeton (online) **2021**
- Participant Young Scholars in CSS**, Zürich (online) **2020**  
• Presentation: Combining digital traces and survey data to study media effects: A mobile lab approach
- Participant NapoKo colloquium political communication**, Vienna **2019**  
• Presentation: Tracking the filter bubble – Analyzing the diversity of news consumption and its consequences
- Participant Masterclass with Jose van Dijck**, Royal Netherlands Institute Rome **2019**  
• Topic: “Social Media and Political Governance: Rome, Italy, Europe”
- Participant Workshop “ICT with industry”**, Leiden **2019**  
• “Opening the black box of user profiles in content-based recommender systems” with FD Mediagroep ([publication](#))
- Pre-Master Program Data Science**, University of Amsterdam, GPA 9.5 **2018**
- Research internship**, with Dr. Damian Trilling, Amsterdam School of Communication Research (ASCoR) **2017, 2018**  
• Development and maintenance of INCA (bundle of scraping and analysis functionalities for social scientists, [GitHub](#))
- Graduate Research Assistant**, with Dr. Magdalena Wojcieszak, ASCoR **2017**  
• Assisting with study design, data gathering and analysis on several projects (e.g. [article](#) and [article](#))
- Graduate Research Assistant**, with Dr. Andreas Schuck, ASCoR **2016, 2017**  
• Project: Media coverage and effects of the UN Climate Change Conference 2015
- Student assistant German-American exchange-program SPICE**, University of Erfurt **2015, 2016**

## TEACHING

---

- University Teaching Qualification (UTP)** **2021**  
• Obtained 150 hour teaching qualification for academic teaching in the Netherlands ([more information](#))
- Coordinator and teacher of the course “Automated Content Analysis using Python”**, VU Winter School **2020, 2021**  
• Based on material by Dr. Damian Trilling: [GitHub](#)
- Teacher Bachelor course “Visualization in R”**, VU, minor digital humanities **2019, 2020**  
• Based on material by Dr. Mariken van der Velden: [Assignments](#) and [Schedule](#)
- Organizer graduate class “Introduction to R”**, VU, graduate school **2019**  
• Based on material by Dr. Wouter van Atteveldt: [GitHub](#)

## SKILLS

---

|                              |   |
|------------------------------|---|
| <b>Languages</b>             | German (native), English (fluent), Dutch (fluent)                                   |
| <b>Statistical Software</b>  | R, STATA, SPSS, Amos  |
| <b>Programming</b>           | Python and React (data retrieval, text analysis and NLP, building web applications) |
| <b>Databases</b>             | SQL, ElasticSearch  |
| <b>Markup languages</b>      | LaTeX, HTML, CSS  |
| <b>System administration</b> | Linux, cloud computing, virtual machines  |

## AWARDS & FUNDING

---

- Member of Lowlands Science** 2022
- Science Outreach program, collecting digital trace data with the “DataDonationLab” during the Lowlands festival
- Media Diversity and Transparency in Smart Speakers** 2020
- Report commissioned by the Landesanstalt für Medien, NRW. Cooperation with TU Dresden (50,000€, member of the research team)
- Winner Hackathon “Future Recommenders for public service media”** 2020
- Dutch public broadcaster (NPO) hackathon about designing a diversity-aware recommender system (3000€)
- Best Poster Award Political Communication Division ICA** 2020
- Poster “Perceived Control and Satisfaction in News Recommender Systems” with Judith Moeller, Damian Trilling, Wouter van Atteveldt and Natali Helberger
- Award Digital Communication Methods Lab University of Amsterdam** 2020
- Innovative research project focused on mapping the mobile news diet in a mobile lab, together with Judith Moeller, Damian Trilling, and Wouter van Atteveldt (5,000€)
- Award Digital Communication Methods Lab University of Amsterdam** 2019
- Innovative research project focused on methodological development, together with Judith Moeller, Damian Trilling, and Wouter van Atteveldt (4,000€)
- Award best academic presentation Graduate School of Social Sciences, VU** 2019

## EXTERNAL ACTIVITIES & SERVICE TO PROFESSION

---

- Member Editorial Board Computational Communication Research** since 2022
- After finishing my term as editorial assistant, I was offered a spot on the editorial board of this open source journal for facilitating computational communication research.
- Organizer ICA pre-conference hackathon ‘Opening up Communication Science’** 2022
- Together with Josephine Lukito, Jacob Fisher and Frederic Hopp organizing a hackathon pre-conference for ICA 2022 in Paris as a two day hands-on workshop to encourage open, non-competitive collaboration across communication subfields utilizing computational and “big data” methods ([website](#))
- Student and early career representative Computational Methods ICA Division** 2021-2023
- Responsible for facilitating networking between early career scholars in computational communication science within the largest international organization in the field. This involves organizing events and building a platform where young scholars can connect and present their work.
- Editorial Assistant Journal Computational Communication Research** 2018-2022
- Open Source Journal for computational methods in the field of communication science ([website](#))
- Reviewer for:**
- *Journals:* New Media & Society, Digital Journalism, Journalism Studies, International Journal of Communication, Media and Communication, Behavior & Information Technology, Journal of Mixed Methods Research, Asian Journal of Communication, Communication and the Public, Computational Communication Research
  - *Conferences:* ICA, ECREA, Etmaal, NIAA grants VU Amsterdam

### Invited talks:

- 2022: GESIS CSS Seminar on Data Donations
- 2022: Workshop Social Media Research The Hague
- 2022: DGPuK workshop on sustainable social media research
- 2021: Twitter Development (using APIv2)
- 2020: DIGSSCORE Lab Bergen, University of Stavanger, Diversity Lab University of Bremen, Marie Curie Alumni Event
- 2019: University of Koblenz-Landau

### Interviews:

- Radio Swammerdam (2020): [Filterbubbles en digital recht](#) [*Filter bubbles and digital law*]
- New Scientist (2021): [Wat weet Facebook over jou](#) [*What does Facebook know about you*]
- Deutschlandfunk (2022): [Alexa, spiel „Nachrichten“: Wie Sprachassistentinnen Informationen auswählen](#) [*Alexa, play the news: How smart assistants select information*]
- Podcast CCSpod (2022): [Why do you write your own software?](#)

### Other:

- Blogpost: ComCom blog (2020): What it's really like to do a hackathon [link](#)
- Member of the [100 Questions Initiative Disinformation Cohort](#) by the GovLab

## PEER-REVIEWED PUBLICATIONS

---

- Araujo, T., Ausloos, J., Van Attevelde, W., **Loecherbach, F.**, Moeller, J., Ohme, J., Trilling, D., Van de Velde, B., De Vreese, C., & Welbers, K. (2022). OSD2F: An open-source data donation framework. *Computational Communication Research, Forthcoming*.
- Van der Velden, M., & **Loecherbach, F.** (2021). Epistemic overconfidence in algorithmic news selection. *Media and Communication*, 9(4), 182–197.
- Loecherbach, F.**, Welbers, K., Moeller, J., Trilling, D., & Van Attevelde, W. (2021). Is this a click towards diversity? Explaining when and why news users make diverse choices. *13th ACM Web Science Conference 2021*, 282–290.
- Loecherbach, F.**, Moeller, J., Trilling, D., & van Attevelde, W. (2020). The unified framework of media diversity: A systematic literature review. *Digital Journalism*, 8(5), 605–642.
- Loecherbach, F.**, & Trilling, D. (2020). 3bij3—developing a framework for researching recommender systems and their effects. *Computational Communication Research*, 2(1), 53–79.
- Sullivan, E., Bountouridis, D., Harambam, J., Najafian, S., **Loecherbach, F.**, Makhortykh, M., Kelen, D., Wilkinson, D., Graus, D., & Tintarev, N. (2019). Reading news with a purpose: Explaining user profiles for self-actualization. *Adjunct Publication of the 27th Conference on User Modeling, Adaptation and Personalization*, 241–245.
- Trilling, D., Van De Velde, B., Kroon, A. C., **Loecherbach, F.**, Araujo, T., Strycharz, J., Raats, T., De Klerk, L., & Jonkman, J. G. (2018). INCA: Infrastructure for content analysis. *2018 IEEE 14th International Conference on e-Science (e-Science)*, 329–330.

## REPORTS, BOOK CHAPTERS, AND PRESENTATIONS

---

- Schuck, A., Wonneberger, A., Meijers, M., & **Loecherbach, F.** *Who's afraid of climate change? News coverage of the COP21 paris climate summit and its effects on pro-environmental behavior*. Paper presented at ICA Conference, San Diego. 2017.
- Kroon, A., Trilling, D., Fokkens, A., **Loecherbach, F.**, Moeller, J., van der Velden, M., & van Attevelde, W. *Improving automated content analysis with news-specific word embeddings for medium-resourced languages*. Poster presented at the 5th International Conference on Computational Social Science IC2S2, Amsterdam. 2019.
- Loecherbach, F.**, & Trilling, D. *It takes three to tango – the interplay of political press releases, social media and newspapers*. Paper presented at ICA Conference, Washington. 2019.
- Loecherbach, F.**, Moeller, J., Trilling, D., & Van Attevelde, W. *Perceived control and satisfaction in news recommender systems*. Poster presented at ICA Conference, Gold Coast (virtual). 2020.

Moeller, J., **Loecherbach, F.**, Moeller, J., & Helberger, N. *Out of control? Using interactive testing to understand user agency in news recommendation systems*. Paper presented at ICA conference, Denver (virtual). 2021.

Van der Velden, M., & **Loecherbach, F.** *News coverage of politics and policies*. Forthcoming in Handbook of Standardized Content Analysis: Applied Designs to Research Fields of Communication Science. 2022.

Weidmüller, L., Etzrodt, K., **Loecherbach, F.**, Moeller, J., & Engesser, S. *Ich höre was, was du nicht hörst: Medienvielfalt und Transparenz bei Sprachassistenten [I hear something you don't: Media diversity and transparency in smart assistants]*. Report for the German Media Authorities (Landesanstalt für Medien, NRW). 2022.