

Frederic R. Hopp

Leibniz Institute for Psychology (ZPID)
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ACADEMIC POSITIONS

Juniorprofessor (W1, tenure-track) , Big Data in Psychology Leibniz-Institute for Psychology (ZPID)	2024–Present
Assistant Professor (UD2, tenured 2022) , University of Amsterdam Amsterdam School of Communication Research	2021–2024

EDUCATION

Ph.D. in Communication , University of California, Santa Barbara (with René Weber, Ph.D., M.D., Scott Grafton, M.D., Scott Reid, Ph.D.)	2021
M.A. in Communication , University of California, Santa Barbara (with René Weber, Ph.D., M.D.)	2018
B.A. in Media and Communication Studies , University of Mannheim (with Peter Vorderer, Ph.D.)	2016

RECOGNITIONS & AWARDS

• Junge Akademie (Young Academy) Elected Member <i>Jointly Elected by the Leopoldina and Berlin-Brandenburg Academy of Sciences</i>	2026
• Rising Star Award <i>International Communication Association – Communication Science & Biology</i>	2025
• Top Paper Award <i>International Communication Association – Computational Methods Interest Group</i>	2025
• Cover Feature <i>Nature Human Behavior</i> <i>Moral reasoning in the brain – Volume 7, Issue 12</i>	2023
• Top Poster (Blitz) Award <i>Social and Affective Neuroscience Society</i>	2023
• Annie Lang Dissertation Award <i>International Communication Association – Information Systems Division</i>	2022
• James J. Bradac Award for Outstanding Graduate Student Research <i>University of California, Santa Barbara</i>	2021
• George D. McCune Dissertation Fellowship <i>University of California, Santa Barbara</i>	2020

- **Top Poster (Blitz) Award** 2022
Social and Affective Neuroscience Society
- **Top Paper Award** 2021
International Communication Association – Communication Science & Biology
- **Top Paper Award** 2020
National Communication Association – Mass Communication Division
- **Top Paper Award** 2020
International Communication Association – Computational Methods Interest Group
- **Top Paper Award** 2020
International Communication Association – Communication Science & Biology
- **Top Paper Award** 2019
National Communication Association – Communication and Social Cognition
- **Top Paper Award** 2019
International Communication Association – Computational Methods Interest Group
- **Article of the Year Award** 2018
Communication Methods and Measures
- **Top Paper Award** 2018
National Communication Association – Mass Communication Division
- **Top Paper Award** 2018
International Communication Association, Communication Science & Biology
- **PROMOS Scholarship** 2015
German Academic Exchange Service (DAAD)

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

34. Musa, N.S., Müller, S.M., & **Hopp, F.R.** (2026). Validation of the Moral Foundations Questionnaire-2 (MFQ-2) in Germany: Psychometric properties and associations with political ideology, religiosity, and personality. *PloS one*.
33. Bomm, L., Schumacher, G., **Hopp, F.R.**, Bakker, B.N. (2026). The structure and correlates of societal threat perceptions: A network approach. *Social Psychological Bulletin*.
32. Stecker, M., & **Hopp, F.R.** (2025). Moral foundation measurements fail to converge on multilingual party manifestos. *Political Analysis*.
31. Wickenkamp, A., **Hopp, F.R.**, Hameleers, M., & Bos, L. (2025). The moral foundations of populist communication: A semantic network analysis of political parties' social media discourse in a multi-party system. *Social Media and Society*.

30. Malik, M., Youk, S., **Hopp, F.R.**, Curry, S., Cheong, M., Alfano, M., & Weber, R. (2025). The extended morality as cooperation dictionary (eMACD): A crowd-sourced approach via the Moral Narrative Analyzer platform. *Communication Methods and Measures*.
29. Peterson, D., Rooduijn, M., **Hopp, F.R.**, Schumacher, G., & Bakker, B.N. (2025). Loneliness is positively associated with support for the populist radical right. *Social Science & Medicine*.
28. Weber, R., **Hopp, F.R.**, Eden, A., Fisher, J.T., Lee, H.E. (2024). Vicarious punishment of moral violations in naturalistic drama narratives predicts cortical synchronization. *NeuroImage*.
27. **Hopp, F.R.**, Jargow, B., Kouwen, E., & Bakker, B.N. (2024). The Dutch moral foundations stimulus database: A validation of standardized vignettes and images. *Judgment and Decision Making*.
26. Mokhberian, N., Marmarelis, M.G., **Hopp, F.R.**, Basile, V., Morstatter F., & Lerman, K. (2024). Capturing perspectives of crowdsourced annotators in subjective learning tasks. *Proceedings of the 2024 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies* (Volume 1: Long Papers), pages 7337–7349, June 2024. Association for Computational Linguistics.
25. **Hopp, F.R.**, Amir, O., Fisher, J.T., Grafton, S., Sinnott-Armstrong, W., & Weber, R. (2023). Moral foundations elicit shared and dissociable cortical activation modulated by political ideology. *Nature Human Behavior*.
24. Fisher, J.T., **Hopp, F.R.**, & Weber, R. (2023). Cognitive and perceptual load have opposing effects on brain network efficiency and behavioural variability in ADHD. *Network Neuroscience*.
23. Youk, S., Malik, M., Chen, Y., **Hopp, F.R.**, & Weber, R. (2023). Measures of argument strength: A computational, large-scale analysis of effective persuasion in real-world debates. *Communication Methods and Measures*.
22. Fisher, J.T., **Hopp, F.R.**, Chen, Y., & Weber, R. (2023). Uncovering the structure of media multitasking using network analytic techniques. *Computers in Human Behavior*.
21. Schneider, F. M., Rieger, D., **Hopp, F.R.**, (2023). First aid in the pocket: the psychosocial benefits of smartphones in self-threatening situations. *Computers in Human Behavior*.
20. Chen, Y., **Hopp, F.R.**, Malik, M., Wang, P. T., Woodman, K., Youk, S., & Weber, R. (2022) Reproducing FSL's fMRI Data Analysis via Nipype: Relevance, Challenges, and Solutions. *Frontiers in Neuroimaging*.
19. Mokhberian, N., **Hopp, F.R.**, Harandizadeh, B., Morstatter F., & Lerman, K. (2022). Noise audits improve moral foundation classification. *Proceedings of the 2022 IEEE/ACM International*

Conference on Advances in Social Networks Analysis and Mining (ASONAM), (pp. 147-154). IEEE.

18. Fisher, J.T., **Hopp, F.R.**, & Weber, R. (2022). Mapping attention across multiple media tasks. *Media Psychology*.
17. Malik, M., **Hopp, F.R.**, & Weber, R. (2022). Representations of racial minorities in popular movies: A content-analytic synergy of computer vision and network science. *Computational Communication Research*.
16. **Hopp, F.R.**, & Weber, R. (2021). Reflections on extracting moral foundations from media content. *Communication Monographs*, 88(3), 371–379.
15. **Hopp, F.R.**, & Weber, R. (2021). Rejoinder: How methodological decisions impact the validity of moral content analyses. *Communication Monographs*, 88(3), 371–379.
14. Malik, M., **Hopp, F.R.**, Chen, Y., & Weber, R. (2021). Does regional variation in pathogen prevalence predict the moralization of COVID-19 in online news? *Journal of Language and Social Psychology*.
13. Rohm, S., **Hopp, F.R.**, & Smit, E.G. (2021). Exposure to serial audiovisual narratives increases empathy via vicarious interactions. *Media Psychology*.
12. **Hopp, F.R.**, Fisher, J., Cornell, D., Huskey, R., & Weber, R. (2020). The extended moral foundations dictionary (eMFD): Development and applications of a crowd-sourced approach to extracting moral intuitions from text. *Behavior Research Methods*.
11. **Hopp, F.R.**, Fisher, J., & Weber, R. (2020). A graph-learning approach for detecting moral conflict in movie scripts. *Media and Communication*, 8(3), 164–179.
10. **Hopp, F.R.**, Fisher, J., & Weber, R. (2020). Dynamic transactions between news frames and sociopolitical events: An integrative, hidden markov model approach. *Journal of Communication*, 70(3), 335–355.
9. Fisher, J. T., **Hopp, F.R.**, & Weber, R. (2020). A practical introduction to network neuroscience for communication researchers. *Communication Methods and Measures*, 1–20.
8. **Hopp, F.R.**, Schaffer, J., Fisher, T., Cornell, D., & Weber, R. (2019). iCoRe: The GDELT interface for the advancement of communication research. *Computational Communication Research*, 1(1), 13–44.
7. Fisher, J., **Hopp, F.R.**, & Weber, R. (2019). Modality-specific effects of perceptual load in multimedia processing. *Media and Communication*, 7(4), 149–165.

6. Weber, R., Mangus, J., M., Huskey, R., **Hopp, F.R.**, Amir, O., Swanson, R., Gordon, A., Khooshabeh, P., Hahn, L., Tamborini, R. (2018). Extracting latent moral information from text narratives: Relevance, challenges, and solutions. *Communication Methods and Measures*, 2(2-3), 119–139.
5. Weber, R., Fisher, J.T., **Hopp, F.R.**, Lonergan, C. (2017). Taking messages into the magnet: Method-theory synergy in media neuroscience research. *Communication Monographs*, 84, 1–22.
4. Weinmann, C., Roth, F. S., Schneider, F. S., Krämer, T., **Hopp, F.R.**, & Vorderer, P. (2017). I don't care about politics, I just like that guy! Affective disposition and political attributes in information processing of political talk shows. *International Journal of Communication*, 11, 3118–3140.
3. Schneider, F. M., Zwillich, B., Bindl, M., **Hopp, F.R.**, Vorderer, P., Reich, S. (2017). Social media ostracism: The effects of being excluded online. *Computers in Human Behavior*, 73, 385–393.
2. Roth, F. S., Weinmann, C., Schneider, F. S., **Hopp, F.R.**, Bindl, M. J., & Vorderer, P. (2017). Curving entertainment: The curvilinear relationship between hedonic and eudaimonic experiences while watching a political talk show and its implications for information processing. *Psychology of Popular Media Culture*, 6, 1–19.
1. Roth, F., Weinmann, C., Schneider, F., **Hopp, F.R.**, & Vorderer, P. (2014). Seriously entertained: Antecedents and consequences of hedonic and eudaimonic entertainment experiences with political talk shows on TV. *Mass Communication and Society*, 17(3), 379–399.

CHAPTERS

6. **Hopp, F.R.** & Bos, L. (2025). Moral appeals. *Encyclopedia of Political Communication*.
5. **Hopp, F.R.** & Bakker, B.N. (2024). Neurobiological measures. *Media exposure and neurobiological theories & methods*.
4. Bos, L., **Hopp, F.R.**, & Sheets, P. (2023). Populist moralization of foreign policy issues. In Lacatus, C., Löffmann, G., & Maibauer, G. (Eds.). *Populism, Political Communication and Performative Leadership in International Politics*.
3. Weber, R., **Hopp, F. R.**, & Fisher, J. (2020). The moral narrative analyzer (MoNA): A platform for extracting moral emotions and conflict from messages at scale. In *Neuromarketing Yearbook 2020*. Neuromarketing Science & Business Association (NMSBA).
2. Fisher, J.T., Lonergan, C., **Hopp, F.R.**, & Weber, R. (2022) Media entertainment, flow experiences, and the synchronization of audiences. In P., Vorderer, & C., Klimmt (Eds.), *Oxford Handbook of Entertainment Theory*.

1. **Hopp, F.R.**, & Weber, R. (2020) The state-of-the-art and future of fMRI methodology in communication research. In R., Weber & K., Floyd (Eds.), *Handbook of Communication Science and Biology*. New York, NY: Routledge.

UNDER REVIEW // IN PREPARATION

7. Gong, X., Eden, A., **Hopp, F.R.**, Wolfe, A., & Grizzard, M. (R & R, *Human Communication Research*). Narrative character network explains storytelling success.
6. Peterson, D., Schumacher, G., **Hopp, F.R.**, & Bakker, B. (R & R, *Political Psychology*). Political mental health is distinct from mental health and has unique political correlates.
5. **Hopp, F.R.**, Fisher, J., & Weber, R. (R & R, *Communication Theory*). Disposition theories of narrative processing: A neurophysiological perspective.
4. Oschatz, C. & **Hopp, F.R.** (under review). Practice What You Preach? How candidates' moral foundations shape the moralization of campaign rhetoric.
3. Pröpper, H., Bos, L., Hameleers, M., & **Hopp, F.R.** (under review). On the prevalence, universality and politicization of morality in United Nations speeches.
2. **Hopp, F.R.**, Youk, S., Armstrong, W., & Weber R., (under review). A sensitive and specific neural signature robustly predicts graded computations of moral wrongness.
1. **Hopp, F.R.**, Youk, S., Scholte, H.S., Armstrong, W., & Weber R., (under review). The moral foundations MRI collection: A multi-center functional MRI collection for evaluating moral judgment.

RESEARCH GRANTS

- **PI**, *Bridging Divides: The Role of Perspective-Taking in Reducing Political Polarization* (with Co-PIs Bathelt, J. & Bakker, B.N., RPA Polarisation Seed Grant, €20,000,-)
- **PI**, *Moral dilemmas in politics: How moral conflict shapes discourse and decision-making* (with Co-PIs Bos, L. & Hameleers, M., Starter Grant, €300,000,-)
- **Co-PI**, *A multi-modal, multi-platform investigation into political moral appeals* (with Co-PI Bos, L., Digicomlab, €6,000,-)
- **Co-I**, *Moral compass: how moral language of Dutch politicians and journalists guides audiences* (with PI: Bos, L., SSH NWO-M, € 395,858,-)
- **Co-I**, *Under pressure: How citizens respond to threats and adopt the attitudes and behaviours to counter them* (NWO VI.Vidi.211.055 awarded to Bakker, B.N.)

SOFTWARE PACKAGES

- The GDELT interface for Communication Research (iCoRe; <http://icore.mnl.ucsb.edu>)
- The Moral Narrative Analyzer (MoNA; <https://mnl.ucsb.edu/mona/>)
- eMFDscore (<https://github.com/medianeuroscience/emfdscore>)

PRESENTATIONS

INVITED TALKS

- **Trier University**, Keynote Speaker, ICAN Day 2025 (November, 2025). *From maps to models: A paradigm shift for moral neuroscience.*
- **University of Buffalo**, Keynote Speaker, Moral Media Conference (April, 2025). *Decoding the Moral Brain: From Neural Representations to Moral Judgments.*
- **University of Amsterdam**, A.D. de Groot Center for Cognitive AI (May, 2024). *Harnessing Cognitive AI for Moral Neuroscience.*
- **University of Amsterdam**, AIM PPLE Speaker Event (March, 2024). *The (dis)unity of morality: Insights from NeuroAI.*
- **Radboud University**, Symposium: “Media to Inspire” (March, 2024). *Neural Decoding and Inspiring Media Messages.*
- **Royal Netherlands Academy of Arts and Sciences (KNAW)**, Workshop: Advances in the study of Affect and Politics (April, 2022). *Media and the Moral Brain.*
- **University of Amsterdam**, Psychology Forum (February, 2022). *Morally Polarized Perception: Current Efforts to Examine Neural Patterns of Political Polarization*
- **Heinrich Heine University**, Heine Center for Artificial Intelligence and Data Science, (December, 2021). *Morality in the Age of AI and Data Science.*
- **University of Amsterdam**, Hot Politics Lab (December, 2021). *Morality in Media, Society, and the Brain.*
- **University of Amsterdam**, Digital Communication Methods Lab (March, 2021). *Moralized Communication in the Digital Age.*
- **Screen Stories & Moral Understanding** (March, 2021). *Moral Conflict, Screen Stories, and Narrative Appeal*
- **University of California at Santa Barbara**, Center for Information Technology and Society (February, 2021). *Workshop on Moral Sentiment Mining*
- **University of California at Davis**, Department of Communication (April, 2020). *Computational Modelling of Moral Belief Systems.*
- **Neuromarketing World Forum (NMWF; 2020)**. *A good story involves moral conflict – sure, but what exactly is moral conflict?* Keynote Speaker. Los Angeles, CA, USA.

CONFERENCES ORGANIZED

Hopp, F.R.*, Lukito, J.*, & TeBlunthuis, N*. (2019). Expanding computational communication: Towards a Pipeline for Graduate Students and Early Career Scholars. Pre-conference at the International Communication Association. (*contributed equally)

Hopp, F.R.*, Fisher, J.*, Löcherbacher, F., & Lukito, J. (2022). ICA 2022 Hackathon: Opening Computational Communication. Pre-conference at the International Communication Association (*contributed equally)

OUTREACH

- Hopp, F.R. (2024). Why is minority representation in film important? *University of Amsterdam* <https://www.youtube.com/watch?v=JokJ802RcMM>
- Ranganatha, N. (2024). Moral reasoning in the brain. *Room for Discussion*. <https://open.spotify.com/episode/3lISp9fuafGuAoshYousGc?si=c779a905ee3d4305>
- Krapp, C. (2023). Welche Hirnareale für Moral zuständig sind. Moralische Überzeugungen von Menschen sind im Gehirn messbar. *Scinexx.de*. <https://www.scinexx.de/news/psychologie/welche-hirnareale-fuer-moral-zustaendig-sind/>
- Tasoff, H. (2023). Moral reasoning displays characteristic patterns in the brain, with distinctions between moral categories *The Current UC Santa Barbara*. <https://news.ucsb.edu/2023/021196/moral-reasoning-displays-characteristic-patterns-brain-distinctions-between-moral>
- Heim, M. & Domahidi, E. (2023). Where is our moral compass pointing? *Computational Communication Science Podcast*. <https://podcasters.spotify.com/pod/show/ccs-pod/episodes/Where-is-our-moral-compass-pointing-e25kd85/a-aa04raj>
- Fazio, L. (2021). The Extended Moral Foundations Dictionary: A new resource for coding moral content. *Psychonomic Society*. <https://featuredcontent.psychonomic.org/the-extended-moral-foundations-dictionary-a-new-resource-for-coding-moral-content/>
- Leetaru, K. (2020). Examining Trends in Moral News Framing Across a Decade of Television Coverage. *The GDELT Project Blog*. <https://blog.gdeltproject.org/examining-trends-in-moral-news-framing-across-a-decade-of-television-coverage/>
- Tasoff, H. (2019). The moral mind: Researcher blazes the way in our understanding of moral sensibilities. *The Current UC Santa Barbara*. <https://www.news.ucsb.edu/2019/019588/moral-mind>
- Koenig, S. (2019). Is the psychology of Greta Thunberg's climate activism effective? *Nautilus*. <http://nautil.us/blog/is-the-psychology-of-greta-thunbergs-climate-activism-effective>

TEACHING

Trier University*Moral Psychology**Machine Psychology***University of Amsterdam***Psychology of Political Communication**Data Journalism**Statistical Modelling Communication Research**Citizens and Public Opinion***University of California, Santa Barbara***Media Effects on the Individual**Introduction to Communication**Statistical Analysis of Communication**Research Methods**Theories of Communication***University of Mannheim***Introduction to Media- and Communication Studies**Theories of Media- and Communication Studies**Studies**Scientific Working Routines***UC-wide online course "Computational Social Science"**

(CMN 150V, UC Davis)

SERVICE

University of Trier

2024–Present

PhD Mentorship

- Sarah Marie Müller (2024–Present)

Post-Doc Mentorship

- Tim Lauer (2025–Present)

University of Amsterdam

2021–2024

Organization of Research Lunches

PhD Club Convener

PhD Mentorship

- Henrik Pröpper (2024–Present)
- Anna Wickenkamp (2024–Present)
- Delaney Peterson (2023–Present)
- Linda Boom (2023–Present)

University of California, Santa Barbara

NSF IGERT Research Internship Student Mentor

2018

Graduate Scholars Program Student Mentor

2020–2021

Ad-hoc Reviewer

Nature Human Behavior, Proceedings of the National Academy of Sciences, Science Advances, Social Cognitive and Affective Neuroscience, Computational Communication Research, Communication Studies, Communication Methods & Measures, Media and Communication,

Information, Communication, & Society, International Journal of Communication, Journalism Studies, Journal of Communication, Journal of Media Psychology

Languages

German (native)	Python (10+ years)
English (fluent)	R (10+ years)
Spanish (intermediate)	JASP (5+ years)