

ANNIKA HAMACHERS M.A.

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PROFESSIONAL EXPERIENCE

DEPARTMENT OF COMMUNICATION, GERMAN POLICE UNIVERSITY — Münster, Germany
2017 –

Research Assistant

INSTITUTE FOR INTERDISCIPLINARY RESEARCH ON CONFLICT AND VIOLENCE — Bielefeld, Germany

2017 – 2020

Research Assistant

DEANERY FOR THE SOCIAL SCIENCES, WESTFÄLISCHE WILHELMS-UNIVERSITÄT — Münster, Germany

2013 – 2016

Research Assistant

DEPARTMENT OF COMMUNICATION, WESTFÄLISCHE WILHELMS-UNIVERSITÄT — Münster, Germany

2011 – 2012

Research Assistant

EDUCATION

STANFORD SCHOOL OF ENGINEERING — Stanford, USA

enrolled in the postgraduate online program – since 07/2020

Artificial Intelligence Professional Program

WESTFÄLISCHE WILHELMS-UNIVERSITÄT — Münster, Germany

enrolled in the doctoral program – since 10/2011

Communication Science

Thesis: Possibilities, limitations, and applications of (semi-)automated content analysis of narrative media.

FERNUNIVERSITÄT HAGEN — Hagen, Germany

enrolled in the B.A. program – 10/2013–10/2020

Business Informatics

WESTFÄLISCHE WILHELMS-UNIVERSITÄT — Münster, Germany

M.A. – 2011 (graduated with distinction)

Communication Science, Psychology, German Philology

Thesis: Storytelling as the core of entertainment. The operationalizability of narration in the context of empirical communication research.

CERTIFICATIONS

ZERTIFIKAT HOCHSCHULLEHRE DES LANDES NORDRHEIN-WESTFALEN

2015

Westfälische Wilhelms-Universität Münster**DATA SCIENCE SPECIALIZATION**

2015

Johns Hopkins University**MIND & MACHINE SPECIALIZATION**

2020

University of Colorado Boulder

PUBLICATIONS & CONFERENCE CONTRIBUTIONS

- Landmann, H., Hamachers, A., Grünhage, T., & Rohmann, A. (under review). Political orientation predicts reactions to the Moral Foundation Questionnaire, but not (or to a lesser extent) emotional and intuitive responses to moral violations, *Affective Science*.
- Hamachers, A., Rosenkranz, F., Weber, K., Yalim, Y., Djerkovic, D., & Jarolimek, S. (in preparation). *Studienpapier Online-Radikalisierung. Hintergründe, Erklärungs- und Präventionsansätze*. Münster: Deutsche Hochschule der Polizei - Hochschulverlag.
- Hamachers, A. (in preparation). *Wahrnehmung islamistischer Agitation im Netz – Formen, Verbreitung und Selbstregulierungsmechanismen der On-line-Community*. Münster: Deutsche Hochschule der Polizei - Hochschulverlag.
- Hamachers, A., Weber, K., & Jarolimek, S. (Eds.) (2020). *Extremistische Dynamiken im Social Web. Forschungsbefunde zu den digitalen Katalysatoren politisch und religiös motivierter Gewalt*. Frankfurt a.M.: Verlag für Polizeiwissenschaft.
- Hamachers, A. (2020). Islamistische Inhalte im Internet. Typologisierungsansätze und Rezipientenperspektive. In A. Hamachers, K. Weber, & S. Jarolimek (Eds.). *Extremistische Dynamiken im Social Web. Forschungsbefunde zu den digitalen Katalysatoren politisch und religiös motivierter Gewalt* (pp. 27–68). Frankfurt a.M.: Verlag für Polizeiwissenschaft.
- Weber, K. & Hamachers, A. (2020). Aus dem radikalen Netzwerk in den Jihad. Radikale Prediger als Schlüsselakteure im Umfeld deutscher Syrienreisender. In A. Hamachers, K. Weber, & S. Jarolimek (Eds.). *Extremistische Dynamiken im Social Web. Forschungsbefunde zu den digitalen Katalysatoren politisch und religiös motivierter Gewalt* (pp. 225–270). Frankfurt a.M.: Verlag für Polizeiwissenschaft.
- Hamachers, A., Gundlach, J., Heereman, W., Selzer, A., & Yannikos, Y. (2020). Data Mining zur Erfassung extremistischer Aktivitäten in Online-Netzwerken. Technische und juristische Rahmenbedingungen bei der Erfassung und Aufbereitung von Social Media-Daten für wissenschaftliche Zwecke. In A. Hamachers, K. Weber, & S. Jarolimek (Eds.). *Extremistische Dynamiken im Social Web. Forschungsbefunde zu den digitalen Katalysatoren politisch und religiös motivierter Gewalt* (pp. 141–168). Frankfurt a.M.: Verlag für Polizeiwissenschaft.
- Hamachers, A., Weber, K., & Jarolimek, S. (2020). Einleitung. In A. Hamachers, K. Weber, & S. Jarolimek (Eds.). *Extremistische Dynamiken im Social Web. Forschungsbefunde zu den digitalen Katalysatoren politisch und religiös motivierter Gewalt* (pp. 1–6). Frankfurt a.M.: Verlag für Polizeiwissenschaft.

- Hamachers, A. (2020, May). *The Domain-Specificity of Affective Language. An Attempt to Enhance Automated Discourse Analyses with Supervised Machine Learning*. Paper presented at the virtual preconference "Open Methods, Open Data" to the annual conference of the International Communication Association, Gold Coast, Australia, 21.05.2020.
- Hamachers, A., & Weber, K. (2019, May). *Adolescents Countering Islamist Online Propaganda. The Moderating Role of Different Dimensions of Internet Literacy*. Paper presented at the annual conference of the International Communication Association, Washington D.C.
- Hamachers, A. (2019, May). *„Topic Modelling“ von Da‘wa & Co. Semi-automatisierte Ansätze zur Erkennung radikaliserender Sprache im Internet*. Poster presented at the 25th Day of Prevention, Berlin, 20.-21.05.2019.
- Hamachers, A. (2019, May). *Umgang mit jihadistisch-islamistischer Propaganda im Social Web (II)*. Paper presented at the 25th Day of Prevention, Berlin, 20.-21.05.2019.
- Hamachers, A., Galic, A., Böckler, N., & Groß, E. (2019, April). *Profiling Malignant Rhetoric. Linking cognitive linguistics and machine learning algorithms to evaluate the emotionality of populist discourse*. Paper presented at the ECPR Joint Workshop Session 'Populism & Emotions', Mons, 09.-12.04.2019.
- Hamachers, A., Gundlach, J., & Groß, E. (2018, September). *Akteurszentrierte Konzeptanalyse zur Detektion extremistischer Bestrebungen in sozialen Medien – Ein Framework zur simultanen Integration von Netzwerk- und Diskursdaten*. Paper presented at the workshop session 'Aktuelle Entwicklungen in der Netzwerkforschung' of the section 'Soziologische Netzwerkforschung der Deutschen Gesellschaft für Soziologie', Göttingen.
- Groß, E., Gundlach, J., Borchardt, L. & Hamachers, A. (2018, August). *Right-Wing Extremist and Jihadist Ambitions in Social Media Networks: Identification, Analysis and Management of Violent Radicalisation in Germany - A Mixed Methods Approach*. Paper presented at the VOX-Pol workshop 'Violent Extremism, Terrorism, and the Internet: Present and Future Trends', Amsterdam, 09.-12.04.2018.
- Kubera, T., Hamachers, A., & Jarolimek, S. (2018). Deutungshoheit. In T. Kubera, T. Dierschke, G. Duttler, & A. Werner (Hgg.), *Sicherheit und Kommunikation bei Fußballgroßveranstaltungen: Praxishandbuch für Akteure im Netzwerk der Sicherheitsgewährleistung*. Stuttgart: Richard Boorberg Verlag.
- Hamachers, A., & Jarolimek, S. (2018, June). *Umgang mit jihadistisch-islamistischer Propaganda im Netz*. Paper presented at the 23rd German Day of Prevention, Dresden, 11.-12.06.2018.
- Hamachers, A., & Jarolimek, S. (2018, May). *Particularly vulnerable? Migrants' contact with and reactions towards jihadist online propaganda*. Paper presented at the preconference 'Refugees, Religious Threats, and Political Radicalization: Theoretical and Empirical Perspectives' at the annual conference of the International Communication Association, Praha, 23.05.2018.
- Hamachers, A., & Jarolimek, S. (2018, May). *Establishing 'Interpretational Sovereignty' Online in the Context of Law Enforcement*. Paper presented at the annual conference of the International Communication Association, Praha, 24.05. - 28.05.2018.
- Hamachers, A., & Gehrau, V. (2018). Der Stellenwert der Beobachtung innerhalb der Kommunikationswissenschaft. Eine Analyse empirischer Beiträge aus 22 Internationalen Fachjournals. In Vogelgesang, J./Matthes, J./Schieb, C./Quandt, T. (Eds.) (2016): *Beobachtungsverfahren in der Kommunikationswissenschaft*. Köln: Herbert von Halem.
- Gehrau, V., & Hamachers, A. (2018). Spezifika kommunikationswissenschaftlicher Beobachtungen. In Vogelgesang, J./Matthes, J./Schieb, C./Quandt, T. (Eds.) (2018): *Beobachtungsverfahren in der Kommunikationswissenschaft*. Köln: Herbert von Halem.

- Hamachers, A., Kane, R. J., & Jarolimek, S. (2018, March). *From coercion to communication. Opportunities to establish 'interpretational sovereignty' online in the context of policing and challenges of cross-cultural transferability*. Paper presented at the International Crisis and Risk Communication Conference, Orlando, 12.-14.03.2018.
- Hamachers, A., & Jarolimek, S. (2018, February). *Islamismus – who cares?! Ergebnisse einer repräsentativen Umfrage zur Rezeption extremistischer Inhalte im Internet*. Paper presented at the Workshop 'Multidisciplinary Perspectives on Radicalisation, New Media and Education' of the CONTRA-Project, Köln, 22.-23.02.2018.
- Jarolimek, S., Hamachers, A., & Widmann, J. (2017, December). *Projekt X-SONAR: Analyse extremistischer Bestrebungen in sozialen Netzwerken*. Paper presented at the conference 'Postfaktische Sicherheitspolitik?! Gewährleistung von Sicherheit in unübersichtlichen Zeiten' of the Arbeitskreis Innere Sicherheit, Münster, 11.-12.12.2017.
- Hamachers, A., Kahr, R., & Jarolimek, S. (2017, September). *'Oscillation' with a Terrorist's Mindset. Transportation, Identification, and Narrative Assimilation in the Process of Political Radicalization*. Paper presented at the annual conference of the Media Psychology Division of the German Psychological Society, Landau, 06.-08.09.2017.
- Hamachers, A., & Djerkovic, D. (2017, October). *Maintaining law enforcement legitimacy in times of digital media: Managing the balancing act between operational efficacy and the public's demand for information during major police operations*. Paper presented at the 5th International Crisis Communication Conference, Lisbon, 19.-21.10.2017.
- Hamachers, A., Widmann, J., & Roth, V. (2017, October). *Narrative Ästhetiken in der medialen Berichterstattung über IS-Terroristen und ihre unbeabsichtigte Wirkung auf jihadistische Radikalisierungsprozesse*. Paper presented at the 17th workshop of the 'Netzwerk Terrorismusforschung', Tübingen, 05.-06.10.2017.
- Jarolimek, S., & Hamachers, A. (2017, May). *Social Media & mediale Inszenierung Strukturwandel der Öffentlichkeit und die Bedeutung für die Polizei*. Paper presented at the annual conference of police chaplains, Magdeburg, 03.05.2017.
- Hamachers, A./Kahr, R. (2016, November). *Can media 'story-tell' migrants into terrorists? The unintended effects of narrative ISIS coverage on political radicalization*. Paper presented at the preconference "Media and Migration" to the annual conference of the European Communication Association, Praha.
- Hamachers, A./Gehrau, V. (2016, June). *Data gathering across communication research: a meta-analytic review from 2000 to 2015*. Paper presented at the preconference "Communication Research Methods 2016: Practices and Challenges" to the annual conference of the International Communication Association, Fukuoka.
- Hamachers, A. (2015, May). *Towards a study of narrative media effects in cultural context*. Paper presented at the preconference "Stuart Hall and the Future of Media and Cultural Studies" to the annual conference of the International Communication Association, San Juan.
- Hamachers, A. (2014, November): *'Stories are to entertain...'? An investigation into defining narrative features and their impact on enjoyment*. Paper presented at the annual conference of the European Communication Association, Lisbon.
- Hamachers, A. (2014, July). *The operationalizability of narration. An attempt to empirically validate defining textual features*. Paper presented at the annual conference of the International Society for the Empirical Study of Literature and Media, Torino.
- Hamachers, A. (2014, July). *Non-invasive brain stimulation in 'Neuro Narratology'. Advantages, disadvantages, and applicability of tDCS and TMS*. Paper presented at the annual conference of the International Society for the Empirical Study of Literature and Media, Torino.

- Hamachers, Annika (2014, July): *How mutual is an audience's narrative intuition? An exploratory attempt to empirically validate defining narrative features*. Paper accepted for the annual conference of the International Association for Media and Communication Research, Hyderabad.
- Maleckar, B., & Hamachers, A. (2014, June). *This story has a point: Persuasion as a consequence of seeking the narrative meaning*. Paper presented at the StoryNet workshop "Narrative effects on the individual and the social", Budapest.
- Hamachers, A. (2014, March). *Dissecting texts. An empirical attempt to validate defining narrative features*. Paper presented at the workshop "Empirical Approaches to Narrative" of the Center of Narrative Research, Wuppertal.
- Gehrau, V., & Hamachers, A. (2013, September). *Spezifika von Beobachtungsstudien in der Kommunikationswissenschaft. Eine Analyse von Fachzeitschriftenpublikationen 2000 bis 2010*. Paper presented at the annual conference of the DGPK-Fachgruppe 'Methoden der Publizistik- und Kommunikationswissenschaft', Münster.
- Hamachers, A., & Gehrau, V. (2013, September). *Die aktuelle Stellung der Beobachtung in der Kommunikationswissenschaft. Eine Metaanalyse empirischer Beiträge aus 21 einschlägigen Fachjournals über die Jahre 2000 bis 2010*. Paper presented at the annual conference of the DGPK-Fachgruppe 'Methoden der Publizistik- und Kommunikationswissenschaft', Münster.
- Hamachers, A. (2011). *Erzählen als Kern von Unterhaltung. Zur Operationalisierbarkeit von Narration in der Kommunikationswissenschaft*. Münster: WWU. [Thesis]
- Blöbaum, B. (Ed.) (2008). *Hauptsache Medien: Berufsbiographische Interviews mit Journalisten, PR-Praktikern und Werbern*. Münster: Lit. [Co-author]

TEACHING

UNIVERSITY COURSES

Internship preparation

practical course, undergraduate level, Spring 2012, 2014 & Fall 2012, 2013, University of Münster

Introduction into Communication Research

seminar, undergraduate level, Spring 2013, University of Münster

Data analysis with R

workshop, graduate and postgraduate level, Fall 2012 & Spring 2013, University of Münster

Advanced multivariate statistics

lecture, graduate level, Fall 2015, University of Münster

Data visualization – from Excel to d3.js

practical course, graduate/undergraduate level, Spring 2016, University of Münster

Interpersonal Communication and Leadership

seminar, graduate level, Summer 2017, German Police University

Social Science Research Methods

lecture, graduate level, Summer 2018, German Police University

Quantitative vs. Qualitative Research

lecture, graduate level, Summer 2018, German Police University

INVITED LECTURES

Story Points – Problems Operationalizing ‘Narration’

Talk at the graduate level seminar of Dr. Barbara Maleckar, Fall 2014, University of Augsburg

FURTHER ACTIVITIES

MEMBERSHIPS

- ◆ International Communication Association (ICA)
- ◆ European Communication Association (ECREA)
- ◆ Deutsche Gesellschaft für Publizistik und Kommunikationswissenschaft (DGPK)
- ◆ International Society for the Empirical Study of Literature and Media (IGEL)

REVIEWING EXPERIENCE

- ◆ International Communication Association (ICA) annual conference, since 2013
 - Mass Communication division
 - Information Systems division
 - Communication and Technology division
 - Popular Communication division
- ◆ International Journal for Conflict and Violence, since 2019

UNIVERSITY COMMITTEE SERVICES

- ◆ Admission committee for the MA program, 2013 & 2014, University of Münster
- ◆ Appointments committee for the professorship of Dr. Jens Woelke, 2014, University of Münster
- ◆ Selection committee for the PROMOS grant, 2012– 2014, University of Münster