




# Franziska Christiane Hartung, PhD

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## Education

2012 – 2016 PhD (awarded 2017) in Cognitive Neuroscience, Radboud University, Max Plank Institute for Psycholinguistics, and IMPRS Graduate School for Language Sciences, Nijmegen; Supervised by Dr. Roel M. Willems, and Prof. Peter Hagoort

## Employment

2021 – Lecturer in Cognitive Science at the School of Psychology, Newcastle University  
 2016 – 2020 Postdoctoral researcher at the Penn Center for Neuroaesthetics & Penn Brain Science Center, Department of Neurology, University of Pennsylvania  
 2015 Guest lecturer at the Faculty of Humanities, Utrecht University

## Journal Articles

- Hartung, F.** & Wang, Y., Mak, M., Willems, R. M., & Chatterjee, A. (2021). Aesthetic appraisals of literary style and emotional intensity in narrative engagement are neurally dissociable. *Communications: Biology*, 4: 1401 (2021); doi: 10.1038/s42003-021-02926-0. <https://www.nature.com/articles/s42003-021-02926-0>
- Klooster, N., Humphries, S., Cardillo, E., **Hartung, F.**, Xie, L., Das, S., Yushkevich, P., Pilania, A., Wang, J., Wolk, D. and Chatterjee, A., (2021). Sensitive measures of cognition in Mild Cognitive Impairment. *Journal of Alzheimer's Disease*.
- Morey, R. D., Kaschak, M. P., Díez-Álamo, A. M., Glenberg, A. M., Zwaan, R. A., Lakens, D., [...], **Hartung, F.**, et al. (2021). A pre-registered, multi-lab non-replication of the Action-sentence Compatibility Effect (ACE). *Psychonomic Bulletin & Review*.
- Workman, C.I., Humphries, S.A., **Hartung, F.**, Aguirre, G.K., Kable, J.W. and Chatterjee, A. (2021), Morality is in the eye of the beholder: the neurocognitive basis of the “anomalous-is-bad” stereotype. *Annals of the New York Academy of Sciences*. <https://doi.org/10.1111/nyas.14575>
- Hartung, F.** & Kenett, Y.N., Cardillo, E.R., Humphries, S. A., Klooster, N., Chatterjee, A. (2020). Context matters: Novel metaphors in supportive and non-supportive contexts. *NeuroImage* (2020-116645). <https://doi.org/10.1016/j.neuroimage.2020.116645>.
- Coburn, A., Vartanian, O., Kenett, Y. N., Nadal, M., **Hartung, F.**, Hayn-Leichsenring, G., Navarrete, G., Mora, J. L. G., Chatterjee, A. (2020). Psychological and Neural Responses to Architectural Interiors. *Cortex*. DOI: 10.1016/j.cortex.2020.01.0
- Hartung, F.**, Jamrozik, A., Aguirre, G., Rosen, M. E., Sarwer, D. B., Chatterjee, A. (2019). Behavioural and Neural Responses to Facial Disfigurement. *Scientific Reports* 9: 8021 (2019). <https://www.nature.com/articles/s41598-019-44408-8>
- Hartung, F.**, Withers P., Hagoort P. and Willems R. M. (2017). When Fiction Is Just as Real as Fact: No Differences in Reading Behavior between Stories Believed to be Based on True or Fictional Events. *Frontiers in Psychology*, 8:1618, doi: 10.3389/fpsyg.2017.01618

**Hartung, F.**, Hagoort, P., & Willems, R. M. (2017). Readers select a comprehension mode independent of pronoun: Evidence from fMRI during narrative comprehension. *Brain and Language*, 170, 29–38. <http://doi.org/10.1016/j.bandl.2017.03.007>

van den Hoven, E., **Hartung, F.**, Burke, M., & Willems, R. M. (2016). Individual Differences in Sensitivity to Style During Literary Reading: Insights from Eye-Tracking. *Collabra*, 2(1), 25. doi: <http://doi.org/10.1525/collabra.39>

**Hartung, F.**, Burke, M., Hagoort, P., Willems, R. M. (2016). Taking Perspective: Personal Pronouns Affect Experiential Aspects of Literary Reading. *PLoS ONE* 11(5): e0154732. doi: 10.1371/journal.pone.0154732.

## Book Chapters

**Hartung, F.** (in press). Narrative. *Routledge International Handbook of Neuroaesthetics*; M. Nadal & M. Skov (eds.)

**Hartung, F.** (2021). The Mark of Villainy: the connection between appearance and perceived morality. *Neuroaesthetics in Focus*; A. Chatterjee & E. Cardillo (editors). Oxford University Press.

## Invited Talks

2022 Stories as a window into the human mind. Keynote at Annual Meeting of the International Society for the Empirical Study of Literature (IGEL), Orlando, Florida.

2021 The Narrator Project. Behavioural Sciences and Psychology seminar, Newcastle University, Newcastle upon Tyne.

2018 The role of perspective and individual differences for narrative comprehension. Brain, Language, and Computation Lab, Pennsylvania State University, State College.

2015 Experimental methods in discourse processing. Workshop at the Methods and Linguistic Theories (MaLT) Symposium, University of Bamberg, Bamberg.

2015 Your mind in story worlds. MPI for Psycholinguistics, Nijmegen.

2015 Aspects of Narratives: What stories can teach us about language comprehension. Colloquium at Radboud University, Grammar and Cognition Group, Nijmegen.

2014 Perspective taking in comprehension. Platform Narratives Meeting, Utrecht University.

2014 Perspective taking and mental simulation in narrative comprehension. MPI for Empirical Aesthetics, Language and Literature Department, Frankfurt am Main.

## Awards

HaSS Pioneer Award for ‘The Narrator Project’ (2021)

HaSS Pioneer Award for ‘Bias against obese Doctors’ with Emer Cunningham (2021)

Postdoctoral fellow award of the Cognitive Neuroscience Society (2017)

## Professional Memberships

International Society for Empirical Literature Research (Scientific Advisory Board)

Society for the Neurobiology of Language

Cognitive Neuroscience Society