

CURRICULUM VITAE

Andreas Schönau, PhD

PERSONAL INFORMATION

Date of birth: April 29th 1988

Place of birth: Jena, Germany

PROFESSIONAL AFFILIATIONS

Position: Postdoctoral Research Associate

Department of Philosophy/Center for Neurotechnology

University of Washington

Savery Hall, Room 385

schoenau@uw.edu

<https://phil.washington.edu/people/andreas-schonau>

EMPLOYMENT

since 05/2019 Postdoctoral Research Associate at Department of Philosophy/Center for Neurotechnology at University of Washington in Seattle/USA

11/2014-
12/2018 Research Assistant/Doctoral Candidate at Philosophy Department of Albert-Ludwigs-Universität Freiburg, Freiburg, Germany (Cluster of Excellence BrainLinks-BrainTools)
Supervisor: Prof. Dr. Oliver Müller

EDUCATION

01/24/2019 passed the final doctoral exam in Philosophy at Albert-Ludwigs-Universität Freiburg, Germany
Degree: **PhD (Dr. phil.)**
(grading system: 1-4 with 1 very good and 4 failed)

rating of dissertation: magna cum laude (1,8)

rating of oral examination: magna cum laude (1,7)

overall rating for completed doctorate: magna cum laude (1,7)

Title of dissertation: Schnittstellenprobleme zwischen Neurowissenschaften und Philosophie aus handlungstheoretischer Perspektive
translation: Interface problems in Neuroscience and Philosophy from an action-theoretical perspective

First Supervisor: Prof. Dr. Oliver Müller (Department of Philosophy, University of Freiburg)
Second Supervisor: PD Dr. Tonio Ball (Head of Translational Neurotechnology Lab, Department of Neurology, University of Freiburg)

10/2012-
10/2014

Philosophical studies, Technische Universität Dresden, Dresden Germany
Degree: **Master of Arts (M.A.)**
Field of Study: Philosophy
Final grade: 1,2 (grading system: 1-6 with 1 very good and 6 failed)

Title of M.A.-thesis: Moralphilosophie im Kontext neurobiologischer Forschungsergebnisse
translation: Moral Philosophy in the context of neurophysiological findings

First Supervisor: PD. Dr. Uwe Scheffler (Department of Philosophy, University of Dresden)
Second Supervisor: Dr. phil., Dr. rer. med. Gerd Grübler (Department of Philosophy, University of Dresden)

10/2009-
09/2012

Studies in Philosophy at Universität Leipzig, Leipzig, Germany
Degree: **Bachelor of Arts (B.A.)**
Field of Study: Philosophy (major) and Sociology (minor)
Final grade: 1,7 (grading system: 1-6 with 1 very good and 6 failed)

Title of B.A.-thesis: "Allokation im medizinethischen Kontext"
translation: "Allocation from an medical-ethical perspective"

First Supervisor: Dr. Tobias Kasmann (Department of Philosophy, University of Leipzig)
Second Supervisor: Prof. Dr. Andrea Kern (Department of Philosophy, University of Leipzig)

06/2008

Abitur (diploma from German secondary school qualifying for university admission) at Integrative Gesamtschule "Grete Unrein" Jena
Final grade: 2,1 (grading system: 1-6 with 1 very good and 6 failed)

PUBLICATIONS (excerpt)

Dasgupta, Ishan/ Schönau, Andreas/ Klein, Eran/ Goering, Sara (2019). Brain Computer Interfaces and Agency. The Neuroethics Blog. Retrieved on December 20, 2019, from <http://www.theneuroethicsblog.com/2019/12/brain-computer-interfaces-and-agency.html>

Schönau, Andreas (2019): "My device made me do it" - Zur Wechselwirkung von Autonomie und Heteronomie zwischen Menschen und künstlichen intelligenten Systemen. Praefaktisch.de – Ein Philosophieblog. University of Salzburg. Salzburg, Austria. 19.12.2019.

Online available: <https://www.praefaktisch.de/ki/my-device-made-me-do-it-zur-wechselwirkung-von-heteronomie-und-autonomie-bei-der-interaktion-mit-kuenstlichen-intelligenten-systemen/>

Schönau, Andreas (2019): Schnittstellenprobleme in Neurowissenschaften und Philosophie: Willensfreiheit aus handlungstheoretischer Perspektive. Stuttgart: J. B. Metzler

Schönau, Andreas (2019): Mensch-Maschine-Schnittstellen in den Bio- und Neurotechnologien. In: Liggieri, Kevin/Müller, Oliver (Hg.): Mensch-Maschine-Interaktion Handbuch Zu Geschichte - Kultur - Ethik. Stuttgart: J. B. Metzler. S. 198–204.

Schönau, Andreas (2019): Machina Ex Machina: Mensch-Maschine-Interaktion in virtuellen Umgebungen. In: Klager, Christian (Hg.): Die Zukunft im Spiel. Göttingen: Cuvillier. S. 121–140.

Welke, Dominik; Behncke, Joos; Hader, Marina; Schirrmeister, Robin; Schönau, Andreas; Eßmann, Boris; Müller, Oliver; Burgard, Wolfram; Ball, Tonio (2017): Brain Responses During Robot-Error Observation. in: Online-Journal Kognitive Systeme. University of Duisburg-Essen, Germany. doi: 10.17185/dupublico/44533

Schönau, Andreas (2017): Mythos „Gedankenlesen“ und das Locked-In Syndrom.

translation: The myth „brain reading“ and the Locked-in syndrome

In: Reaching Out: Neurons, Interfaces, Robots, and Ethics. BrainLinks-BrainTools, Universität Freiburg. Freiburg, 10.02.2017.

Online available: https://brainblogreachingout.word_press.com/2017/02/10/mythos-gedankenlesen-und-das-locked-in-syndrom/

forthcoming

Dasgupta, Ishan/ Schönau, Andreas/ Brown, Tim/ Klein, Eran/ Goering, Sara (forthcoming): Does Closed-Loop DBS for Treatment of Psychiatric Disorders Raise Salient Authenticity Concerns? In: Ethics of Artificial Intelligence in Brain and Mental Health. Springer.

Dasgupta, Ishan/ Versalovic, Erika/ Schönau, Andreas/ Klein, Eran/ Goering, Sara (forthcoming): BCI Mediated Action and Responsibility: Questioning the Distinction Between Non-Disabled Recreation and Disability-Related Necessity. AJOB Neuroscience.

TALKS AND POSTER PRESENTATIONS (excerpt)

- 01/2020 Talk: The Spectrum of Responsibility Ascription for End Users of Neural Technologies.
The Ethics of Experimental Deep Brain Stimulation – Future Directions. University of Oxford. Oxford, United Kingdom.
- 08/2019 Poster: The Spectrum of Responsibility Ascription for End Users of Neural Technologies.
International Neuroethics Society (INS) Annual Meeting, Mapping Neuroethics: An Expanded Vision. Chicago, USA.
- 08/2018 Talk: Machina ex Machina: Mensch-Maschine-Interaktion in virtuellen Umgebungen
translation: Machina ex Machina: Human-Machine-Interaction in virtual environments
HiStories IV: 4. Interdisziplinäre Tagung Zukunftsbilder im Spiel. Universität Rostock. Rostock, Germany
- 05/2018 Poster: The intervening relation of "top-down" and "bottom-up"-processes for the generation of human behavior
MeeTo 2018: From moving bodies to interactive minds. University of Turin. Turin, Italy.
- 08/2017 Talk: The free will-debate from an action-oriented perspective
ARC Colloquium: Free Will, Language, Neuroscience. Université Catholique de Louvain. Louvain la Neuve, Belgium
- 05/2017 Talk: NPAC: A Neurophilosophical Action Compendium
Workshop Free and accountable agency. Radboud University Nijmegen. Nijmegen, Netherlands
- 10/2016 Talk: Hybridity, Personhood, Agency: Ethical foundations of closed loop interactions.
BrainLinks-BrainTools Annual Meeting 2016. University of Freiburg. Freiburg, Germany
- 04/2015 Talk: "Neurowissenschaften und Philosophie: Brain-Machine-Interfaces aus handlungstheoretischer Perspektive"
translation: Neuroscience and Philosophy: Brain-Machine-Interfaces from an action-theoretical perspective
Invited Talk at Werkstatt Philosophie, Technische Universität Dresden, Dresden, Germany

LANGUAGES

German (native language), English (fluent), French (B1), Japanese (A1)