

Sara Ayhan

Curriculum Vitae

✉ sara.ayhan@rub.de

Education

- Since 2018 **PhD Student in Philosophy**, Ruhr University Bochum
Thesis (working title): *Consequence relations and identity of proofs in proof-theoretic semantics*
Supervisors: Prof. Dr. Heinrich Wansing, Prof. Dr. Peter Schroeder-Heister
- 2015 - 2018 **M.A. Philosophy (single major)**, Ruhr University Bochum, (2-year program)
Thesis: *Proof-theoretic semantics and paradoxes*, Award for best Master's thesis of the faculty
Supervisor: Prof. Dr. Heinrich Wansing
- 2014 **Semester Abroad**, University of Adelaide, Australia
- 2010 - 2015 **First State Exam** Philosophy, English & History, University of Siegen (5-year program)
Thesis: *Donald Davidson's Conception of Truth*
Supervisor: Prof. Dr. Richard Schantz
- 2010 **Abitur**, Städtisches Gymnasium Selm

Teaching and Work Experience

Vocational

- Since March 2018 **Research Assistant**, *Institute for Philosophy I - Logic and Epistemology*, Ruhr University Bochum
(Prof. Dr. Heinrich Wansing)
- 2013 - 2015 **Student Assistant**, Chair of History of Philosophy & Philosophy of Language, University of Siegen
(Prof. Dr. Richard Schantz)

Teaching

Seminars at Ruhr University Bochum (taught as lead instructor): Logical argumentation and manipulation (3x), Paradoxes (2x), Introduction to the philosophy of logic

Online seminars at Ruhr University Bochum (taught as lead instructor): Classical texts in the philosophy of language (2x), Formal methods and devices of philosophy, Introduction to analytic philosophy (co-teaching with Christopher Badura)

- 2016-2022 **Teaching Assistant: *Exercise class for Logic I***, Ruhr University Bochum
(Leading instructors: Prof. Dr. Heinrich Wansing & Prof. Dr. Christian Straßer)
- 2013/2014 **Teaching Assistant: *Formal Logic***, University of Siegen
(Dr. Bertold Schweitzer)
- 2012/2013 **Teaching Assistant: *Introduction to Logic***, University of Siegen
(Prof. Dr. Richard Schantz)

Publications

Ayhan, S. (forthcoming). Uniqueness of Logical Connectives in a Bilateralist Setting. In *The Logica Yearbook 2020* ed. by Igor Sedlár & Martin Blicha, College Publications.

Ayhan, S. (2021). What is the Meaning of Proofs? A Fregean Distinction in Proof-Theoretic Semantics. *Journal of Philosophical Logic* 50, 571–591.
<http://link.springer.com/article/10.1007/s10992-020-09577-2>.

Ayhan, S. (2020). A cut-free sequent calculus for the bi-intuitionistic logic 2Int. Unpublished Manuscript, <https://arxiv.org/abs/2009.14787>.

Selected Talks (* for invited talks)

- August 2021* **Bilateralism, logical consequence, and uniqueness of logical connectives**
10th Workshop on Philosophical Logic - Buenos Aires Logic Group
(Online, University of Buenos Aires)
- July 2021* **Reduction procedures and the meaning of proofs**
Łódź-Bochum Workshop,
(Hybrid format, Ruhr University Bochum)
- June 2021 **What are good reduction procedures? Perspectives from proof-theoretic semantics and type theory**
Australasian Association for Logic conference (AAL 2021)
(Virtually, University of Queensland & University of Melbourne)
- Dec. 2020* **Uniqueness of logical connectives in a bilateralist setting**
Logic in Bochum VI,
(Hybrid format, Ruhr University Bochum)
- Jan. 2020 **What is the meaning of proofs? A Fregean distinction in proof-theoretic semantics**
Thirteenth Annual Cambridge Graduate Conference on the Philosophy of Mathematics and Logic, Graduate Conference
(St John's College, Cambridge)
- Dec. 2019* **Uniqueness of logical connectives in a bilateralist setting**
Paris-Bochum-Moscow Workshop in Mathematical Philosophy
(ENS, Paris)
- April 2019 **The meaning of proofs in different proof systems**

PhDs in Logic XI, Graduate Conference
(Institut für Exakte Wissenschaften, University of Bern)

March 2019 **The meaning of proofs in different proof systems**

Proof-Theoretic Semantics: Assessment and Future Perspectives,
Third Tübingen Conference on Proof-Theoretic Semantics
(Eberhard Karls University Tübingen)

May 2018 **Proof-theoretic semantics and paradoxes: Distinguishing non-standard phenomena in sequent calculus**

PhDs in Logic X, Graduate Conference
(Institute of Philosophy of the Czech Academy of Sciences, Prague)

Summer Schools

Sept. 2018 1st International Summer School on Proof Theory
(poster presentation)
(University of Ghent)

July 2018 Summer School on Mathematical Philosophy for Female Students
Main lecture stream: Modality: Metaphysics, Logic, Semantics (Prof. Dr. Barbara Vetter)
(MCMP, LMU Munich)

Aug. 2017 Summer School on Mathematical Philosophy for Female Students
Main lecture stream: Semantic Paradoxes and Self-Reference (Prof. Roy T. Cook)
(MCMP, LMU Munich)

Miscellaneous

2021-2022 **Organizing conference:** Bilateralism and Proof-Theoretic Semantics, 2022, Bochum

2019-2021 **Co-organizing graduate conference:** PhDs in Logic XII, 2021, Berlin

Dec. 2019 **Co-organizing BA-workshop “Philosophische Werkstatt”**

Organizing and conducting MAP-workshop (Minorities and Philosophy) for BA-students on how to read philosophical texts

since 2021 **Reviewer for *Minds and Machines***

since 2020 **Reviewer for *Journal of Philosophical Logic***

since 2018 **Reviewer for RUB Research School PLUS**, Ruhr University Bochum
Review applications for the funding programmes of the RUB graduate school

Grants & Scholarships

2018 Award for best Master’s thesis of the faculty for philosophy and educational science

2011 - 2012 North Rhine-Westphalia Scholarship, 1-year basic study funding

2013 - 2014 Deutschlandstipendium, 1-year basic study funding

———— Voluntary Activities

since 2019 Member of MAP-Bochum (Minorities and Philosophy)

2015- 2018 Student Representative of the Philosophy Students at the Ruhr University Bochum

July - Aug. 2015 Child care at the emergency shelter for refugees at the University of Siegen

2011 - 2014 Member of the *Amnesty International* Group in Siegen