

Balthasar Grabmayr

CURRICULUM VITAE

University of Tübingen
Department of Philosophy
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AREAS OF SPECIALISATION AND COMPETENCE

AOS Philosophical Logic, Philosophy of Mathematics, Mathematical Logic

AOC Epistemology, Metaphysics, Philosophy of Language, Philosophy of Logic, History of Logic

EMPLOYMENT

Junior Professor of Philosophy

since 04/2023

Department of Philosophy, University of Tübingen

Azrieli International Postdoctoral Fellow

10/2021–03/2023

Department of Philosophy, University of Haifa

Postdoctoral Researcher

05/2021–12/2021

Blavatnik School of Computer Science, Tel Aviv University

EDUCATION

Ph.D. (summa cum laude), Philosophy, Humboldt University of Berlin

2015–2021

Thesis title: “On the Philosophical Interpretation of Metamathematical Results”

Committee: Karl-Georg Niebergall (supervisor), Albert Visser (co-supervisor), Volker Halbach (external examiner)

Awarded on July 8, 2021

Bridging year from Mathematics to Philosophy, Humboldt University of Berlin

2014–2015

Coursework in fulfilment of the requirements to study a Ph.D. in Philosophy

M.Sc., Mathematics, Humboldt University of Berlin

2012–2014

B.Sc., Mathematics, Free University of Berlin

2008–2011

FELLOWSHIPS AND AWARDS

Azrieli International Postdoctoral Fellowship, Azrieli Foundation

2021–2024

IVC Fellowship, Institute Vienna Circle, University of Vienna

2020–2021

Scholarship for International Students, Israeli Council for Higher Education

2019–2020

German Academic Exchange Service (DAAD) Scholarship, New College, Oxford

2019

Minerva Fellowship, Minerva Foundation of the Max Planck Society

2016–2018

“Prodoc”-Scholarship, Carl and Max Schneider Foundation

2015–2016

German Mathematical Society (DMV): Main prize for my Master Thesis

2015

PUBLICATIONS

Peer-Reviewed Journal Articles

(forthcoming) “Montague’s Problem”

The Journal of Philosophy

(2025) “Structure and Computation”

Noûs, Online First

(2024) “A Step Towards Absolute Versions of Metamathematical Results”

Journal of Philosophical Logic, 53: 247–291

(2023) “Varieties of Self-Reference in Metamathematics” (with Volker Halbach and Lingyuan Ye)

Journal of Philosophical Logic, 52: 1005–1052

(2023) “Self-reference Upfront: A Study of Self-referential Gödel Numberings” (with Albert Visser)

The Review of Symbolic Logic, 16 (2): 385–424

(2023) “Breaking the Tie: Benacerraf’s Identification Problem Revisited” (with Arnon Avron)

Philosophia Mathematica, 31 (1): 81–103

(2021) “On the Invariance of Gödel’s Second Theorem with regard to Numberings”

The Review of Symbolic Logic, 14 (1): 51–84

Outreach

(2025) “Is the pope a mathematician? Yes, actually – and his training may help him grapple with the infinite”

The Conversation (Link)

TALKS

Invited

tba	09/2026
University of Connecticut, USA	
tba	02/2026
UC Irvine, USA	
tba	02/2026
Chapman University, USA	
tba	01/2026
Goethe-University Frankfurt	
The Ontology of Formal Language	11/2025
LMU Munich, Germany	
Structure and Computation	10/2025
University of Konstanz, Germany	
The Ontology of Formal Language	09/2025
12th international conference GAP.12, Heinrich Heine University Düsseldorf	
Computation and the Structure of Arithmetic	07/2025
<i>Variations on Metamathematics</i> , USI, Switzerland	
Computation and the Structure of Arithmetic	06/2025
<i>Logic in Philosophy</i> , IUC Dubrovnik, Croatia	
Computation and the Structure of Arithmetic	06/2025
<i>Philosophy of Mathematics Seminar</i> , University of Oxford	

On the Limits of Mathematics and Their Philosophical Consequences <i>Logic in Philosophy: Incompleteness and Intuition</i> , IUC Dubrovnik	04/2024
The Structuralist Turn in (Meta-)Mathematics <i>CFvW Kolloquium</i> , Tübingen	04/2024
On the Limits of Mathematics and Their Philosophical Consequences <i>Logic Café</i> , University of Vienna, Austria	04/2024
The Structuralist Turn in (Meta-)Mathematics <i>Variations on Philosophy of Mathematics</i> , USI, Switzerland	04/2024
On the Limits of Mathematics and Their Philosophical Consequences <i>Lugano Philosophy Colloquia</i> , USI, Switzerland	12/2023
“Coordinate-free Results in Metamathematics” <i>Gödel and Kant on Mathematics and Physics</i> , Carl Friedrich von Weizsäcker Center, Tübingen	10/2023
“Fixing Montague’s Problem” <i>Fifth New College Logic Meeting</i> , New College, Oxford	09/2023
“The Role of Representation in Computability” <i>Ohio State University/Rijeka Philosophy Conference</i> , Dubrovnik, Croatia	06/2023
“Fixing Montague’s Problem” Logic seminar, University of Helsinki, Finland	03/2022
“Can we turn metamathematical results into representation-independent insights?” <i>The Philosophy of Metamathematical Results</i> , MCMP Munich, Germany	01/2022
“A Step Towards Absolute Versions of Metamathematical Results” Hebrew University of Jerusalem, Israel	12/2021
“A Step Towards Absolute Versions of Metamathematical Results” <i>The Landscape of Incompleteness</i> , Wuhan University, China	08/2021
“Carnap and the Structure of Formal Language” <i>Logic Café</i> , University of Vienna, Austria	01/2021
“The Role of Representations in Metamathematical Limitation Results” <i>The Phonological Conundrum</i> , Jerusalem, Israel	06/2019
“What does Gödel’s Second Theorem Say, and Why?” Rationality and Formal Methods Research Seminar, King’s College London, UK	05/2019
“What does Gödel’s Second Theorem Say, and Why?” Formal Methods Seminar, University of Bristol, UK	02/2019
“Syntactic vs. Semantic Approaches to Truth” <i>FMV: Foundations in Mathematics – Modern views</i> , MCMP Munich, Germany	04/2018
“Philosophical Interpretations of Metamathematical Theorems” Hebrew University of Jerusalem, Israel	02/2018
“On the Invariance of Gödel’s Second Theorem with regard to Numberings” <i>MFO Meeting: Mathematical Logic: Proof Theory, Constructive Mathematics</i> , Oberwolfach, Germany	11/2017
Refereed	
“Fixing Montague’s Problem” <i>The 11th European Congress of Analytic Philosophy</i> , University of Vienna, Austria	08/2023

“First steps towards absolute versions of metamathematical results” <i>DMV Annual Meeting 2022</i> , FU Berlin, Germany	09/2022
“Can we turn metamathematical results into representation-independent insights?” <i>11th international conference GAP.11 of the German Society for Analytic Philosophy</i> , HU Berlin, Germany	09/2022
“Carnap’s Conception of Syntax in his <i>Syntax</i> ” <i>Annual Conference of the Israeli Philosophical Association</i> , Hebrew University, Israel	06/2022
“A Closer Look at Self-Reference in Arithmetic: Language, Naming and Coding” <i>PhDs in Logic XII</i> , Freie Universität, Germany	09/2021
“The Effects of Syntax Representations on Metamathematical Limitation Results” <i>Annual Conference of the Israeli Philosophical Association</i> , Tel Aviv University, Israel	02/2020
“Revisiting Detlefsen’s Stability Problem” <i>10th international conference GAP.10 of the German Society for Analytic Philosophy</i> , Cologne, Germany	09/2018
“A step Towards a Coordinate Free Version of Gödel’s Second Theorem” <i>Logic Colloquium 2018</i> , Udine, Italy	08/2018
“A Step Towards a Coordinate Free Version of Gödel’s Second Theorem” <i>Nordic Logic Summer School 2017</i> , Sweden	08/2017
“Invariance of Metamathematical Theorems with regard to Gödel Numberings” <i>Logica 2017</i> , Czech Republic	06/2017
“Invariance of Metamathematical Theorems with regard to Gödel Numberings” <i>PhDs in Logic IX</i> , Germany	05/2017
“Klassifikation von Modellen dimensionaler ω -stabiler Theorien” <i>Studierendenkonferenz der DMV 2015</i> , Hamburg, Germany	09/2015
Internal	
“Self-Referential Languages” Hebrew University of Jerusalem, Israel	02/2020
“A Closer Look at Self-Reference in Arithmetic: Language, Naming and Coding” CS Logic Seminar, Tel Aviv University, Israel	01/2020
“On Intensionality and Self-Reference” Logik Kolloquium, Humboldt University of Berlin, Germany	06/2019
“A Theory of Propositions and Synonymy” Logik Kolloquium, Humboldt University of Berlin, Germany	02/2019
“Intensionality and Reflective Closure” Logik Kolloquium, Humboldt University of Berlin, Germany	06/2017
“Detlefsen’s Stability Problem” CS Logic Seminar, Tel Aviv University, Israel	04/2017
“Intensionality in Metamathematics Arising from Arithmetisation” CS Logic Seminar, Tel Aviv University, Israel	11/2016

TEACHING

Lectures (Primary Instructor)

Introduction to Formal Logic

SS 2023 – WS 2025 (6x)

University of Tübingen, 150 – 200 students each term, coordination of 6 TAs

Introduction to Epistemology

University of Tübingen, 100 students

Logic and Argumentation

Tel Aviv University, 30 students

Undergraduate and Masters Seminars (Primary Instructor)

What to learn from the impossible? - Formal and philosophical topics of impossibility theorems

University of Tübingen, interdisciplinary seminar (Philosophy, Computer Science & Machine Learning), co-taught with Dr. Timo Freiesleben and Sebastian Zezulka

Gödel's Incompleteness Theorems

University of Tübingen

Theories of Truth

University of Tübingen

Advanced Logic

University of Tübingen

Philosophy of Mathematics

University of Tübingen

Guest Lecture

Gödel's Incompleteness Theorems

Tel Aviv University

Tutorials

Algebra and Number Theory

Humboldt University of Berlin

Linear Algebra

Humboldt University of Berlin

Analysis I

Free University of Berlin

WS 2010 & WS 2011

Analysis II

Free University of Berlin

SS 2011 & SS 2012

ACADEMIC VISITS

Institute Vienna Circle, University of Vienna

12/2020–02/2021

IVC Fellow

Philosophy Department, Hebrew University of Jerusalem

11/2019–10/2020

Visiting Research Fellow, hosted by Carl Posy

New College, Oxford

01/2019–06/2019

Academic Visitor, hosted by Volker Halbach

Blavatnik School of Computer Science, Tel Aviv University

11/2015–04/2018

Minerva Fellow, hosted by Arnon Avron

ACADEMIC SERVICE

Outreach workshop “Wenn all Katzen fliegen, sind Schüler Philosophen”	2025
Geschwister-Scholl-Schule Tübingen	
Co-Founder and Member of The Proof Society	2017
Journal Refereeing: <i>Erkenntnis</i> (2x), <i>Journal of Symbolic Logic</i> , <i>Kriterion</i> , <i>Logic Journal of the IGPL</i> , <i>Logique et Analyse</i> , <i>Review for Symbolic Logic</i> , <i>Synthese Library</i> , <i>Theoria</i>	
Academic Press Refereeing: <i>Cambridge University Press</i> (2x)	
Conference Refereeing: GAP.12	2025
Grant Refereeing: DFG	2025
Program Committees	
<i>2025 Workshop and International School of the Proof Society</i>	2025
Ghent University, Belgium	
<i>2023 Summer School on Proof Theory & 2023 Workshop on Proof Theory</i>	2023
University of Barcelona, Spain	
<i>2022 Autumn School on Proof Theory & 2022 Workshop on Proof Theory</i>	2022
Utrecht University, The Netherlands	
<i>1st Azrieli Meeting for the Humanities</i> , Israel	2022
<i>2021 Winter School on Proof Theory & 2021 Workshop on Proof Theory and its Applications</i>	2021
University of Madeira, Portugal	
<i>2nd International Summer School on Proof Theory & 2nd Workshop on Proof Theory</i>	2019
Swansea University, UK	
<i>1st International Summer School on Proof Theory & 1st Workshop on Proof Theory</i>	2018
Ghent University, Belgium	
Conference Organisation	
<i>Fifth New College Logic Meeting</i> , New College, Oxford (with Volker Halbach and Lingyuan Ye)	2023
<i>Paths in Logic</i> , University of Haifa, Israel	2022
<i>The Phonological Conundrum</i> , Edelstein Center and LLCC, Hebrew University, Israel	2019
Funded by grants from the Edelstein Center for the History and Philosophy of Science and the SH Bergman Center for Philosophical Studies (joint application with M. Goldboim and D. Kashtan).	
<i>Ouroboros: Formal Criteria of Self-Reference in Mathematics and Philosophy</i> , University of Bonn, Germany. Funded by a grant of the Hausdorff Center for Mathematics (joint application with R. Krapf, A. Njegomir and D. Sarikaya).	2018
<i>FOMUS: Foundations of Mathematics - Univalent Foundations and Set Theory</i>	2016
Center for Interdisciplinary Research, Bielefeld, Germany. Funded by grants from the Center of Interdisciplinary Research, the German Academic Merit Foundation and the German Society for Analytic Philosophy (joint application with D. Kant, L. Kühne and D. Sarikaya)	