

# Balthasar Grabmayr

## CURRICULUM VITAE

University of Tübingen  
Department of Philosophy  
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### AREAS OF SPECIALISATION AND COMPETENCE

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**AOS** Philosophical Logic, Philosophy of Mathematics, Philosophy of Computation

**AOC** Philosophy of Language, Philosophy of Logic, Mathematical Logic, History of Logic

### EMPLOYMENT

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**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

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**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

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**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

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### Peer-Reviewed Journal Articles

(forthcoming) “Montague’s Problem”

*The Journal of Philosophy*

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

*Philosophia Mathematica*, 31 (1): 81–103

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

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

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

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

### Peer-Reviewed Abstracts

(2019) “A Step Towards a Coordinate Free Version of Gödel’s Second Theorem”

*The Bulletin of Symbolic Logic*, 25 (2): 253

## TALKS

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### Invited

tba 11/2025

Chapman University, USA

The Ontology of Formal Language 09/2025

12th international conference GAP.12, Heinrich Heine University Düsseldorf

Computation and the Structure of Arithmetic 07/2025

Variations on Metamathematics, USI, Switzerland

Computation and the Structure of Arithmetic 06/2025

Logic in Philosophy, IUC Dubrovnik, Croatia

Computation and the Structure of Arithmetic 06/2025

Philosophy of Mathematics Seminar, University of Oxford

On the Limits of Mathematics and Their Philosophical Consequences 04/2024

Logic in Philosophy: Incompleteness and Intuition, IUC Dubrovnik

The Structuralist Turn in (Meta-)Mathematics 04/2024

CFvW Kolloquium, Tübingen

On the Limits of Mathematics and Their Philosophical Consequences 04/2024

Logic Café, University of Vienna, Austria

The Structuralist Turn in (Meta-)Mathematics 04/2024

Variations on Philosophy of Mathematics, USI, Switzerland

On the Limits of Mathematics and Their Philosophical Consequences 12/2023

Lugano Philosophy Colloquia, USI, Switzerland

“Coordinate-free Results in Metamathematics” 10/2023

Gödel and Kant on Mathematics and Physics, Carl Friedrich von Weizsäcker Center, Tübingen

<p>“Fixing Montague’s Problem”  <i>Fifth New College Logic Meeting</i>, New College, Oxford</p>	09/2023
<p>“The Role of Representation in Computability”  <i>Ohio State University/Rijeka Philosophy Conference</i>, Dubrovnik, Croatia</p>	06/2023
<p>“Fixing Montague’s Problem”  Logic seminar, University of Helsinki, Finland</p>	03/2022
<p>“Can we turn metamathematical results into representation-independent insights?”  <i>The Philosophy of Metamathematical Results</i>, MCMP Munich, Germany</p>	01/2022
<p>“A Step Towards Absolute Versions of Metamathematical Results”  Hebrew University of Jerusalem, Israel</p>	12/2021
<p>“A Step Towards Absolute Versions of Metamathematical Results”  <i>The Landscape of Incompleteness</i>, Wuhan University, China</p>	08/2021
<p>“Carnap and the Structure of Formal Language”  <i>Logic Café</i>, University of Vienna, Austria</p>	01/2021
<p>“The Role of Representations in Metamathematical Limitation Results”  <i>The Phonological Conundrum</i>, Jerusalem, Israel</p>	06/2019
<p>“What does Gödel’s Second Theorem Say, and Why?”  Rationality and Formal Methods Research Seminar, King’s College London, UK</p>	05/2019
<p>“What does Gödel’s Second Theorem Say, and Why?”  Formal Methods Seminar, University of Bristol, UK</p>	02/2019
<p>“Syntactic vs. Semantic Approaches to Truth”  <i>FMV: Foundations in Mathematics – Modern views</i>, MCMP Munich, Germany</p>	04/2018
<p>“Philosophical Interpretations of Metamathematical Theorems”  Hebrew University of Jerusalem, Israel</p>	02/2018
<p>“On the Invariance of Gödel’s Second Theorem with regard to Numberings”  <i>MFO Meeting: Mathematical Logic: Proof Theory, Constructive Mathematics</i>,  Oberwolfach, Germany</p>	11/2017
<b>Refereed</b>	
<p>“Fixing Montague’s Problem”  <i>The 11th European Congress of Analytic Philosophy</i>, University of Vienna, Austria</p>	08/2023
<p>“First steps towards absolute versions of metamathematical results”  <i>DMV Annual Meeting 2022</i>, FU Berlin, Germany</p>	09/2022
<p>“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</p>	09/2022
<p>“Carnap’s Conception of Syntax in his <i>Syntax</i>”  <i>Annual Conference of the Israeli Philosophical Association</i>, Hebrew University, Israel</p>	06/2022
<p>“A Closer Look at Self-Reference in Arithmetic: Language, Naming and Coding”  <i>PhDs in Logic XII</i>, Freie Universität, Germany</p>	09/2021
<p>“The Effects of Syntax Representations on Metamathematical Limitation Results”  <i>Annual Conference of the Israeli Philosophical Association</i>, Tel Aviv University, Israel</p>	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 $\omega$ -stabiler Theorien” <i>Studierendenkonferenz der DMV 2015</i> , Hamburg, Germany	09/2015
<b>Internal</b>	
“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

### Undergraduate and Masters Courses

#### University of Tübingen (as Instructor)

Introduction to Epistemology (BA lecture, ca. 100 students)	Spring 2024
What to learn from the impossible? (interdisciplinary MA seminar, co-taught with Timo Freiesleben & Sebastian Zezulka)	Spring 2024
Introduction to Logic (BA lecture, ca. 190 students, coordination of 6 TAs)	Spring 2024
Gödel’s Incompleteness Theorems (MA seminar)	Fall 2024
Introduction to Logic (BA lecture, ca. 190 students, coordination of 6 TAs)	Fall 2024
Theories of Truth (MA seminar)	Spring 2024
Introduction to Logic (BA lecture, ca. 190 students, coordination of 6 TAs)	Spring 2024
Advanced Logic (MA seminar)	Fall 2023
Introduction to Logic (BA lecture, ca. 190 students, coordination of 6 TAs)	Fall 2023
Philosophy of Mathematics (MA seminar)	Spring 2023
Introduction to Logic (BA lecture, ca. 150 students, coordination of 6 TAs)	Spring 2023

<b>Tel Aviv University</b> (as Instructor)	
Logic and Argumentation (BA lecture, ca. 30 students)	Fall 2022
Gödel's Incompleteness Theorems (BSc course, guest lecture)	Winter 2019
<b>Humboldt University of Berlin</b> (as TA)	
Algebra and Number Theory	Summer 2013
Linear Algebra	Summer 2012
<b>Free University of Berlin</b> (as TA)	
Analysis I	Winter 2010, Winter 2011
Analysis II	Summer 2011, Summer 2012

## ACADEMIC VISITS

<b>Institute Vienna Circle, University of Vienna</b>	12/2020–02/2021
IVC Fellow	
<b>Philosophy Department, Hebrew University of Jerusalem</b>	11/2019–10/2020
Visiting Research Fellow, hosted by Carl Posy	
<b>New College, Oxford</b>	01/2019–06/2019
Academic Visitor, hosted by Volker Halbach	
<b>Blavatnik School of Computer Science, Tel Aviv University</b>	11/2015–04/2018
Minerva Fellow, hosted by Arnon Avron	

## ACADEMIC SERVICE

Co-Founder and Member of The Proof Society	2017
<b>Refereeing</b>	
<i>Cambridge University Press</i> (book manuscript & book chapter), <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>	
<b>Conference Refereeing</b>	
GAP.12	2025
<b>Grant Refereeing</b>	
DFG	2025
<b>Program Committees</b>	
<i>2025 Workshop and International School of the Proof Society</i>	2025
Ghent University, Belgium	
<i>2023 Summer School on Proof Theory &amp; 2023 Workshop on Proof Theory</i>	2023
University of Barcelona, Spain	
<i>2022 Autumn School on Proof Theory &amp; 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 &amp; 2021 Workshop on Proof Theory and its Applications</i>	2021
University of Madeira, Portugal	
<i>2nd International Summer School on Proof Theory &amp; 2nd Workshop on Proof Theory</i>	2019
Swansea University, UK	
<i>1st International Summer School on Proof Theory &amp; 1st Workshop on Proof Theory</i>	2018
Ghent University, Belgium	
<b>Conference Organisation</b>	
<i>Fifth New College Logic Meeting</i> , New College, Oxford (with Volker Halbach and Lingyuan Ye)	2023

- Paths in Logic*, University of Haifa, Israel 2022
- The Phonological Conundrum*, 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).
- Ouroboros: Formal Criteria of Self-Reference in Mathematics and Philosophy*, 2018  
 University of Bonn, Germany. Funded by a grant of the Hausdorff Center for Mathematics (joint application with R. Krapf, A. Njegovir and D. Sarikaya).
- FOMUS: Foundations of Mathematics - Univalent Foundations and Set Theory* 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)