

Balthasar Grabmayr

CURRICULUM VITAE

Universität Tübingen
Philosophisches Seminar
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AREAS OF SPECIALISATION AND COMPETENCE

AOS Philosophical Logic, Philosophy of Mathematics, Philosophy of Computation

AOC Philosophy of Language, Philosophy of Logic, Mathematical 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) “A Step Towards Absolute Versions of Metamathematical Results”

Journal of Philosophical Logic

(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

Invited

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| TBA | 12/2023 |
| <i>Lugano Philosophy Colloquium</i> , USI, Switzerland | |
| “Coordinate-free Results in Metamathematics” | 10/2023 |
| <i>Gödel and Kant on Mathematics and Physics</i> , Carl Friedrich von Weizsäcker Center, Tübingen | |
| “Fixing Montague’s Problem” | 09/2023 |
| <i>Fifth New College Logic Meeting</i> , New College, Oxford | |
| “The Role of Representation in Computability” | 06/2023 |
| <i>Ohio State University/Rijeka Philosophy Conference</i> , Dubrovnik, Croatia | |
| “Fixing Montague’s Problem” | 11/2022 |
| Logic seminar, University of Helsinki, Finland | |
| “Can we turn metamathematical results into representation-independent insights?” | 01/2022 |
| <i>The Philosophy of Metamathematical Results</i> , MCMP Munich, Germany | |
| “A Step Towards Absolute Versions of Metamathematical Results” | 12/2021 |
| Hebrew University of Jerusalem, Israel | |
| “A Step Towards Absolute Versions of Metamathematical Results” | 08/2021 |
| <i>The Landscape of Incompleteness</i> , Wuhan University, China | |
| “Carnap and the Structure of Formal Language” | 01/2021 |
| <i>Logic Café</i> , University of Vienna, Austria | |
| “The Role of Representations in Metamathematical Limitation Results” | 06/2019 |
| <i>The Phonological Conundrum</i> , Jerusalem, Israel | |
| “What does Gödel’s Second Theorem Say, and Why?” | 05/2019 |
| Rationality and Formal Methods Research Seminar, King’s College London, UK | |
| “What does Gödel’s Second Theorem Say, and Why?” | 02/2019 |
| Formal Methods Seminar, University of Bristol, UK | |

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| <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 |
| Refereed | |
| <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 |
| <p>“Revisiting Detlefsen’s Stability Problem” <i>10th international conference GAP.10 of the German Society for Analytic Philosophy</i>, Cologne, Germany</p> | 09/2018 |
| <p>“A step Towards a Coordinate Free Version of Gödel’s Second Theorem” <i>Logic Colloquium 2018</i>, Udine, Italy</p> | 08/2018 |
| <p>“A Step Towards a Coordinate Free Version of Gödel’s Second Theorem” <i>Nordic Logic Summer School 2017</i>, Sweden</p> | 08/2017 |
| <p>“Invariance of Metamathematical Theorems with regard to Gödel Numberings” <i>Logica 2017</i>, Czech Republic</p> | 06/2017 |
| <p>“Invariance of Metamathematical Theorems with regard to Gödel Numberings” <i>PhDs in Logic IX</i>, Germany</p> | 05/2017 |
| <p>“Klassifikation von Modellen dimensionaler ω-stabiler Theorien” <i>Studierendenkonferenz der DMV 2015</i>, Hamburg, Germany</p> | 09/2015 |
| Internal | |
| <p>“Self-Referential Languages” Hebrew University of Jerusalem, Israel</p> | 02/2020 |
| <p>“A Closer Look at Self-Reference in Arithmetic: Language, Naming and Coding” CS Logic Seminar, Tel Aviv University, Israel</p> | 01/2020 |
| <p>“On Intensionality and Self-Reference” Logik Kolloquium, Humboldt University of Berlin, Germany</p> | 06/2019 |

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| “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

University of Tübingen (as Instructor)

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| Advanced Logic (MA seminar) | Fall 2023 |
| Introduction to Logic (BA lecture, ca. 160 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 |

Tel Aviv University (as Instructor)

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| Logic and Argumentation (BA lecture, ca. 30 students) | Fall 2022 |
| Gödel’s Incompleteness Theorems (BSc course, guest lecture) | Winter 2019 |

Humboldt University of Berlin (as TA)

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| Algebra and Number Theory | Summer 2013 |
| Linear Algebra | Summer 2012 |

Free University of Berlin (as TA)

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| Analysis I | Winter 2010, Winter 2011 |
| Analysis II | Summer 2011, Summer 2012 |

ACADEMIC VISITS

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

ACADEMIC SERVICE

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| Co-Founder and Member of The Proof Society | 2017 |
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Refereeing

Cambridge University Press (book manuscript & book chapter), *Erkenntnis*, *Journal of Symbolic Logic*, *Kriterion*, *Logic Journal of the IGPL*, *Review for Symbolic Logic*, *Synthese Library*, *Theoria*

Program Committees

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| <i>2022 Autumn School on Proof Theory & 2022 Workshop on Proof Theory</i> Utrecht University, The Netherlands | 2022 |
| <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

2nd International Summer School on Proof Theory & 2nd Workshop on Proof Theory 2019
Swansea University, UK

1st International Summer School on Proof Theory & 1st Workshop on Proof Theory 2018
Ghent University, Belgium

Conference Organisation

Fifth New College Logic Meeting, 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. Njegomir 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)