

Name: Daian Bica

Date of birth: 18.12.1996

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Academic title: M.A., Heinrich-Heine-Universität, ORCID-0009-0005-2468-0703

Areas of specialization: General Philosophy of Science (esp. Scientific Realism, Scientific Modelling, Scientific Representation), Metaphysics of Science (esp. Laws, Dispositions, Levels of Organisation), Early Modern Philosophy (esp. Newton, early modern metaphysics of laws, Experimental Philosophy)

Educational Background

September 2021 – June 2025 (expected) : Heinrich-Heine-Universität, Faculty of Philosophy, Ph.D. (“What is like to be a perspectival realist? (Package Deals of) Laws for Perspectival Realism”, Supervisors: Prof. Dr. Markus Schrenk, Dr. Siegfried Jaag)

October 2019 – June 2021: University of Bucharest, Faculty of Philosophy, Analytic Philosophy, M.A., English tuition (“Laws across perspectives. Integrating Metaphysics and HPS”, Supervisor: Prof. Dr. Dana Jalobeanu)

October 2016 – June 2019: University of Bucharest, Faculty of Philosophy, B.A., Romanian tuition, (“Constructive Empiricism and the Epistemology of Stances”, Supervisor: Prof. Dr. Ilie Pârvu)

Employment

April 2024 – today : Lehrbeauftragter, HHU

April 2023 – September 2023 Wissenschaftliche Hilfskraft, HHU

Involvement in Academic Events

August 2025: EPSA2025, The 10th biennial meeting of the European Philosophy of Science Association, Groningen, “What is it like to be a perspectival realist? (Package Deals of) Laws for Perspectival Realism”

May 2025: Symposium on Roman Frigg’s book “Models and Theories”, Potsdam, “How to Conquest ‘Abundance’? Roman Frigg’s user manual” (invited)

May 2025: Promovierendenforum 2025: Die Rolle der Wissenschaft in liberalen Gesellschaften (science communication), Berlin, “Wissenschaftlicher Perspektivismus: Von Modellbildung zu Naturgesetzen“

March 2025: GWP.2025 The Fifth International Conference of the German Society for Philosophy of Science, Erlangen, “The modal-exploratory understanding of Newton's experimental methodology”

December 2024: Panhellenic Conference on Philosophy of Science, Athens, “BSA’s Laws for Historical Communities versus BSA’s Laws for Cognitive Creatures”

May 2024: Düsseldorf Graduate Workshop: What Do We Talk About When We Talk about Scientific Practices, HHU Düsseldorf, “The modal-explorative interpretation of Newton’s experimental philosophy”

May 2024: Lakatos’ Prize Ceremony (2023 Winner, “Perspectival Realism”, Michela Massimi), LSE London, “Humean Laws for Historical Scientific Communities versus Humean Laws for Cognitive Creatures” (invited)

March 2024: XPHIUK Workshop Series, University of Manchester, “The Safety Dilemma Put to the Test” (shared work with Isabelle Keßels & Paul Hasselkuß)

September 2023: SOPHIA Analytic Graduate Conference, University of Salzburg, “The World for Word is Scale: Perspectives, Instrumentation, and Scales”

April 2023: Thinking at the Limit: Philosophy’s Future, Duquesne University of Pittsburgh, “Perspectives, Scales, Limits.”

March 2023: British Society of History of Science Postgraduate, University of Oxford, “I feign no hypotheses”: Newton’s concept of non-resisting aether as a fictional model”

September 2022: SOPHIA Analytic Graduate Conference, University of Salzburg, “What is like to be a perspectival realist? The Spectrum Analogy”

April 2022: British Society of History of Science Postgraduate Conference, University of Birmingham, “Newton on the models of aether and the law of universal gravitation. A methodological shift”

October 2021: Metaphysics as Modelling. Contemporary and Kantian Issues (workshop), Trier University

September 2021: SOPHIA Analytic Graduate Conference, University of Salzburg, “Natural Properties at the Heart of Scientific Practice”

April 2021: Bucharest Graduate Conference in Theoretical Philosophy, “Natural Properties at the Heart of Scientific Practice”

April 2021: British Society of History of Science Postgraduate Conference, University of Leeds, “Newton on powers, activity and the law of universal gravitation”

March 2021: Laws and Explanations in Metaphysics and Science (workshop), Heinrich Heine University

November 2019: Bucharest Graduate Conference in Early Modern Philosophy 8th edition, “The metaphysical place of the principles in Newton’s System of the World”

March 2019: CCIF Conferences, Faculty of Philosophy, University of Bucharest,
“Empiricism as an epistemic stance”

April 2018: ERGO Conference of Philosophy and Humanities, Babeş-Bolyai University,
Cluj Napoca, Romania, “Accepting the demands of pessimistic meta-induction argument”

List of publications

“Massimi’s Perspectival Garden with Inferential Paths” in *International Studies in
Philosophy of Science*, Volume 35, 2022 - Issue 3-4

DOI:10.1080/02698595.2023.2191168

“Causal Powers in the Framework of the Early Modernity” in *Journal of Early Modern
Studies*, vol.9 2020, 2: 141-150, <https://doi.org/10.5840/jems20209216>

“Thinking with Mechanisms. Mechanical Philosophy and Early Modern Science” in
Journal of Early Modern Studies, vol.9 2019, 1: 133-141,
<https://doi.org/10.5840/jems2020916>

“Laws across perspectives” in *Romanian Journal of Analytic Philosophy*, Vol. XIII, 2019 Nr.
1-2: 61-84

Work in progress/Paper drafts

“BSA’s Laws for Cognitive Creatures *versus* BSA’s Laws for Scientific Communities“
(draft)

“A Model-Exploratory Understanding of Newton’s Experimental Philosophy and of his
Theories of Laws“ (draft, shared work with Markus Schrenk)

“The Safety Dilemma Put to The Test” (draft, shared work with Isabelle Keßels & Paul
Hasselkuß)

Teaching experience

Winter Semester 2022/2023: Supervision of a M.A. thesis on perspectivism and scientific
modelling

Sommer Semester 2023: Experimentelle Philosophie in der Praxis (co-organised with Isabelle
Kessels & Paul Hassekuß), HHU, B.A. Aufbauseminar, German

Sommer Semester 2024: Wissenschaftlicher Perspektivismus, HHU, B.A. Aufbauseminar,
German

Winter Semester 2024/2025: Wissenschaftliche Modellierung, HHU, B.A. Aufbauseminar,
Teaching in German

Winter Semester 2024/25: Supervision of a B.A. thesis on promiscuous realism and
psychiatric classifications

Sommer Semester 2025: Pluralismus in der Wissenschaftstheorie, HHU, B.A. Level/
Aufbauseminar, German

Winter Semester 2025/2026 (planned): Perspectival Realism (co-organised with Paul
Hasselkuß), HHU, M.A, English

Professional service:

philpapers (assistant editor responsible for the law of nature category and all its subcategories
together with Prof. Markus Schrenk, the main editor), *European Journal for Philosophy of
Science*

Organization of academic events

September 2025: Düsseldorf Summer School: P³ Pluralism, Pragmatism, Perspectivism, co-
organised with Paul Hasselkuß

May 2024: Düsseldorf Graduate Workshop: What Do We Talk About When We Talk About
(Scientific) Practices (third edition), co-organised with M.A. Paul Hasselkuß

November 2019: Bucharest Graduate Conference in Early Modern Philosophy (8th edition)

November 2019: Bucharest Colloquium in Early Modern Science: The Emergence of
Mathematical Physics in the Context of Experimental Philosophy

2018-2019: Regular meetings of CELFIS/Center for History and Philosophy of Science

Language skills:

Romanian (native), English (C1 – IELTS Certificate), German (C1 – Test DaF)

Scholarships and Grants

June 2022 – June 2025 Heinrich-Böll-Stiftung, Ph.D. scholarship

January 2025: HHU Summer Schools, 10.000 Euro, together with M.A Paul Hasselkuß and
Alexander Christian

January 2025: GAP Asteroid Summer School, 600 Euro, together with M.A Paul Hasselkuß
and Alexander Christian

December 2023: GAP Grants for Workshops, 500 Euro, together with M.A Paul Hasselkuß

November 2023: HHU, Institut für Philosophie, Grant for Workshop, 1.500 Euro, together
with M.A Paul Hasselkuß

2022 – 2023 DAAD 1-Year Research Funding (awarded, but declined in favor of Heinrich-
Böll-Stiftung)

September 2020 – June 2021 Monthly scholarship for excellence in research from the
University of Philosophy;

October 2016 – June 2019 Monthly scholarship from the University of Bucharest