Dr Matteo DE CEGLIE

PERSONAL

BIRTHDATE:	21 June 1992
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RESEARCH INTERESTS

AREA OF SPECIALIZATION	Set-theoretic multiverse, Philosophy of Set theory, Set Theory, Foundation of Mathematics, Philosophy of Mathematics.
AREA OF COMPETENCE	Mathematical Logic, Philosophy of Logic, Philosophical Logic, Philosophy of Language.

CURRENT POSITION

Lecturer, Linguistics & Philosophy Centre, University School of Advanced Studies **IUSS Pavia**,

PREVIOUS APPOINTMENTS

OCT. - DEC. 2025	**Visiting Scholar** @ HUMATH Project (*Host*: Assoc. Prof. Silvia De Toffoli), Linguistics & Philosophy Centre, University School of Advanced Studies **IUSS Pavia**
OCT. 2024 - JUN. 2025	**Visiting Scholar** @ "Understanding Scientific Disagreement and its Impact on Society" (*Host*: Assoc. Prof. Silvia De Toffoli), Linguistics & Philosophy Centre, University School of Advanced Studies **IUSS Pavia**

EDUCATION

2024	PhD, Fachbereich Philosophie, GW Fakultät, **Salzburg Universität** ADVISOR: Prof. Julien Murzi 2ND ADVISOR: Prof. Charlotte Werndl DISSERTATION: The *V*-logic Multiverse: A pluralist Foundations of Mathematics. DEFENCE COMMITTEE: Prof. Julien Murzi (Chair), Prof. Carolin Antos (external member), Prof. Charlotte Werndl, Prof. Alexander Hieke (internal members)
2018 - 2019	Exchange Year at **University of California**, Irvine As a *Visiting Scholar* at the Department of Logic and Philosophy of Science
2011–2016	**Scuola Normale Superiore, Pisa**. Five-year honors program in Philosophy of Mathematics
NOVEMBER 2016	Master of Arts Degree in PHILOSOPHY 110/110 *cum laude*, *Logic Specialization*, **University of Pisa**, Pisa The existance of alternate universes and the Continuum Hypothesis Advisor: Dott. Luca BELLOTTI | Co - Advisor: Prof. Marco FORTI
FALL 2015	Exchange Sememster at **University of California**, Berkeley As a *Visiting Student Reasercher*
OCTOBER 2014	Bachelor Degree in PHILOSOPHY 110/110, *Logic Specialization*, **University of Pisa**, Pisa Second Order Logic and Graph Theory | Advisor: Enrico MORICONI
SUMMER 2014	**Ludwig-Maximilian Universität, Munich** Erasmus exhange student from February to July 2014
JULY 2011	**Liceo Classico "Istituto Villa Flaminia"**, Roma | Final Grade: 100/100

Publications

Forthcoming	*Beyond Naturalism: Neutrality in the foundations of mathematics*, in Perez-Escobar, Kant, Sarikaya (eds.) "Mathematicians at work", Springer
	Review of "A logical foundation for potentialist set theory", by Sharon Berry, 2022, CUP, Bulletin of Symbolic Logic
	10 years in the set-theoretic multiverse, Special Issue of Kriterion - Journal of Philosophy (editor).
April 2024	Review of *Reflections on the Foundations of Mathematics* (Centrone, S., Kant, D., Sarikaya, D. eds., Springer), Studia Logica. DOI: 10.1007/s11225-024-10097-2.
March 2024	*The V-logic Multiverse and Benacerraf's challenge*, Report of the Logic Colloquium 2023, Bulletin of Symbolic Logic, 30:1.
June 2022	*The V-logic Multiverse and MAXIMIZE*, Report of the Logic Colloquium 2021, Bulletin of Symbolic Logic, 28:2.
September 2021	*Against the countable transitive model approach to forcing*, The Logica 2020 Yearbook, ISBN-13: 978-1848903760.
2018	*A naturalistic justification of the Generic multiverse with a core*, Contributions of the Austrian Ludwig Wittgenstein Society, 26: 34 - 36.ISSN:1022-3398.

In preparation

Under Review	*The Single Universe Position and forcing.*
	Defining mathematical open problems with Wittgenstein and Feferman.
In preparation	*The V-logic Multiverse* (with Claudio Ternullo).
	The independence problem.

Talks

Invited	*January 2026*: "Defining mathematical open problems with Wittgenstein and Feferman", Workshop "Wittgenstein and the Formal Sciences 5", World Logic Day 2026.
	November 2024: "A pluralist perspective on Gödel's Programme", Workshop on The Limits of Incompleteness, University Babeș Bolyai Cluj.
	May 2016: "Presentazione della biografia 'Storia di un comunista' con Toni Negri", Forum degli Allievi della Scuola Normale Superiore, Pisa.
Contributed	*September 2025* "Problems in the application of MAXIMIZE", G.A.P. 12 Conference, University of Düsseldorf.
	August 2025 "Logical Pluralism as Skepticism", SIFA 2025 Conference, University of Turin.
	April 2025 "The Problem of Axiom Selection via MAXIMIZE" (with Simon Schmitt), Realism and Anti-realism Workshop, University of Tübingen.
	February 2025, "The Problem of Axiom Selection" (with Simon Schmitt), FilMat Workshop 2025, University of Turin.
	February 2025 "Axiom disagreement and set-theoretic pluralism", Zagreb Logic Conference 2025, University of Zagreb.
	October 2024, "Hierarchical pluralism is monist universism" (with Simon Schmitt), Colloquium Logicum 2024, Austrian Academy of Sciences.
	September 2024, "The Good Company Problem, Pluralism, and the Foundations of Mathematics", Roots and new trends in Logicism, Universidad Lisbon.
	September 2024, "The Good Company Problem, Pluralism, and the Foundations of Mathematics", British Logic Colloquium 2024, Birmingham University.

TALKS (CONT.)

CONTRIBUTED	*July 2024*, "The Modal logic of forcing and the Free Choice Principle", FoMoLo Seminar.
	June 2024: "What is a *good* mathematical proof", 7th APMP, IUSS Pavia.
	August 2023: "The V-logic multiverse and Benacerraf's challenge", ECAP 11, Universität Wien.
	June 2023: "The set-theoretic multiverse and Benacerraf's challenge", Logic Colloquium 2023, Università di Milano.
	March 2023: "Mathematical practice and set-theoretic pluralism", Wittgenstein Meets Philosophy of Mathematical Practice, Vrije Universiteit Brussel.
	October 2022: "Defining multiverses as relations on a collection of models", Midwest Philosophy of Mathematics Workshop, University of Notre Dame.
	October 2022: "Set-theoretic multiverses as a paritioning of a collection of models", 14th FMPW, Nantes University.
	September 2022: "What is a multiverse?", Colloquium Logicum 2022, Universität Konstanz.
	September 2022: "Generalising on the notion of set-theoretic multiverse", Masterclass on Hamkins' Multiverse, Universität Konstanz.
	September 2022: "The multiverse operator and Hamkins' multiverse", DMV Annual Meeting 2022, FU Berlin.
	August 2022: "A general theory of the set-theoretic multiverse", BLAST2022 (online).
	July 2022: "The V-logic multiverse maximizes over $ZFC + LCs$", 13th Panhellenic Logic Colloquium (video recording).
	June 2022: "A universal theory for the set-theoretic multiverse", AAL 2022 (online).
	September 2021: "A Tableaux System for V-logic", PhDs in Logic XII, FU Berlin.
	July 2021: "The V-logic Multiverse and restrictiveness", Logic Colloquium 2021 (online).
	June 2021: "The V-logic Multiverse and MAXIMIZE", BLAST2021 (online).
	March 2021: "V-logic Incompleteness", 22nd Annual Graduate Conference in Mathematical Logic (online).
	July 2020: "Against Categoricity", 2020 Joint Session of the Mind Association and Aristotelean Society (online).
	July 2019: "The V-logic Multiverse", with Claudio Ternullo, Konstanz, 2nd Forcing Project Networking Conference.
	September 2018: "A case in favour of the generic multiverse with a core", Konstanz, $1^{s}t$ Forcing Project Networking Conference.
	August 2018: "A naturalistic justification of the generic multiverse with a core", Kirchberg am Wechsel, $41^{s}t$ International Wittgenstein Symposium.
	May 2018: "A naturalistic account of the generic multiverse with a core", Prague, PhD in Logic X.

Teaching

Summer Semester 2025	Guest Lecture:
	The problem of axiom selection in the foundations of mathematics,
	BA Program, IUSS Pavia
Summer Semester 2024	Guest Lecture: *The Russell-Myhill Paradox*,
	MA Program in Philosophy, Fachberei Philosophie (KGW),
	PLUS Universität, Salzburg.
Winter Sememster 2022-2023	*Topics in the Philosophy of Logic*, MA Program in Philosophy,
	Fachberei Philosophie (KGW), PLUS Universität, Salzburg.
Summer Semester 2022	*Mathematics for Philosophers*, MA Program in Philosophy,
	Fachberei Philosophie (KGW), PLUS Universität, Salzburg.
Winter Semester 2021-2022	1. *Logic III: Metalogic and Modal logic*, MA Program in Philosophy,
	Fachberei Philosophie (KGW), PLUS Universität, Salzburg.
	2. *Topics in the Philosophy of Mathematics*, MA Program in Philosophy,
	Fachberei Philosophie (KGW), PLUS Universität, Salzburg.
Summer Semester 2021	*Relative Truth and Its Applications*, MA Program in Philosophy,
	Fachberei Philosophie (KGW), PLUS Universität, Salzburg.
Summer Semester 2020	*Introduction to Logic*, MA Program in Philosophy,
	Fachberei Philosophie (KGW), PLUS Universität, Salzburg.

Service to the Profession

Conference Organisation	Workshop on Hamkins' multiverse, Sophia2022, Salzburg.
Reviews	Synthese, Notre Dame Journal of Symbolic Logic, Axiomathes, Kriterion, Philosophy of Science (UCP).

Work Experience

Dec. 2013 Jun. 2013	Part Time Assistant at Biblioteca SNS, Pisa
	Books' collocation checking, Collections' reordering and Labels' checking and retyping
Sept. 2013	Part Time Assistant at Biblioteca SNS, Pisa
	Setting up and dismantling of the exhibition "Un itinerario fra Biblioteche d'autore: il Fondo antico e le Collezioni storico-scientifiche della Biblioteca della Scuola Normale Superiore".
Aug. 2011 June 2009	Coach Assistant at YCPA Sailing School, Punta Ala, Italy

Awards and grants

2019 - 2021	DOC-Scholarship from the Austrian Academy of Sciences for the PhD project "Towards an axiomatization of the set theoretic multiverse".
2011	Full scholarship at the Scuola Normale Superiore in Pisa.
2010	Honorable mention at NMUN, New York, 28th March - 6th April
2009	Honorable mention at the "Convegno Pirandelliano", Agrigento (Italy), December 2009

Languages

English:	Fluent
Italian:	Mothertongue
Spanish:	Intermediate Knowledge
German:	Intermediate Knowledge

Computer Skills

Basic Knowledge:	XML, HTML, CSS, GNU/LINUX (BASH scripting, Debian, Arch), PYTHON 3.0
Intermediate Knowledge:	Office Suite (Excel, Word, PowerPoint, Access)
	Windows OS
Advanced Knowledge:	LaTeX

Interests and Activities

History, Linguistics (formal semantic, typology, neurolinguistic)
Chess (ca 1600 ELO), Golf (7.2 EGA HCP)

References

- Assoz.Prof. Julien Murzi, Department of Philosophy, Faculty of Social Sciences, Salzburg University (PhD Advisor);

- Assoc. Prof. Silvia De Toffoli, Linguistics & Philosophy Centre, IUSS Pavia;

- Dr Claudio Ternullo, Department of Philosophy, University Babeș Bolyai Cluj (Long-term collaborator).