

Mattia Brancato

Curriculum Vitae

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Personal Information

Name: Mattia Brancato
Address: Via Santi Pietro e Paolo 4, 20851, Lissone (MB), Italy
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Date of Birth: 17th August 1985

Areas of Specialization

Early Modern Philosophy, Philosophy of Mathematics, History of Science, History of Mathematics, History of Logic, History and Philosophy of Education, Moral Philosophy.

Current Position

[2018 – 2020] Postdoctoral researcher, *Laboratoire SPHERE (Sciences, Philosophie, Histoire, UMR 7219), Université Paris Diderot*, funded by the *Agence Nationale de la Recherche (ANR)* in the context of the research project “Mathesis”, supervised by David Rabouin and Valérie Debuiche, in collaboration with the Leibniz-Archiv Hannover, with the following tasks:

- Transcription, analysis and critical edition of Gottfried Wilhelm Leibniz’s unpublished manuscripts on perspective.
- Analysis of Leibniz’s corpus on *ars combinatoria*.
- Development and management of the Mathesis project’s website.

Past Positions and Education

- [2017 – 2018] Postdoctoral researcher, *Centre national de la recherche scientifique (CNRS) / Centre Gilles Gaston Granger (UMR 7304), Aix-Marseille Université*: Transcription, analysis and critical edition of Gottfried Wilhelm Leibniz’s unpublished manuscripts on perspective, funded by the *Agence Nationale de la Recherche (ANR)* in the context of the

research project “Mathesis”, supervised by David Rabouin and Valérie Debuiche, in collaboration with the Leibniz-Archiv Hannover.

- [2016] Ph.D. in Philosophy at the State University of Milan (Università degli Studi di Milano, XXVIII course), with a thesis entitled: "*Erhard Weigel and His Influence on Leibniz's Philosophy of Mathematics*". Supervisor: Professor Gianfranco Mormino. Thesis defended the 23rd of June 2016. Examining committee: Professor Guido Canziani, Professor Enrico Pasini and Professor Dario Vergani.
- [2012] Master's Degree in Philosophical Sciences - evaluation: 110/110 *cum laude* (*Laurea Magistrale - State University of Milan*) with a thesis on the History of Philosophy. Title: "*Implicazioni modali del concetto di possibilità in Aristotele e Leibniz*" (*The concept of possibility and its modal implications in Aristotle and Leibniz*). Supervisor: Professor Guido Canziani. Assistant supervisor: Professor Gianfranco Mormino.
- [2009] Bachelor's Degree in Philosophy - evaluation: 110/110 *cum laude* (*Laurea Triennale - State University of Milan*) with a thesis on the History of Philosophy. Title: "*Il giovane Hegel e Kant: dagli scritti teologici alla Logica e Metafisica di Jena*" (*The Young Hegel and Kant: from the Theological Writings to Jena's Logic and Metaphysics*). Supervisor: Professor Guido Canziani.

Linguistic Competence

Spoken languages: Italian (Mother tongue), English (Fluent), French (Basic), German (Basic).

Reading skills: Latin, English, French, German.

List of Publications

Articles and Book Chapters

- [2021, forthcoming] “Leibniz’s Binary Algebra and its Role in the Expression and Classification of Numbers”, in V. Debuiche, D. Rabouin (eds.) *Mathematics and philosophy in Leibniz through the lens of his unpublished manuscripts, Philosophia Scientiae thematic issue*, June 2021.
- [2020, forthcoming] “Cantor on the Notion of Infinity in Spinoza and Leibniz”, in *Actes du colloque: Réception et usages croisés de Spinoza et Leibniz, Lumières*, Presses universitaires de Bordeaux, Bordeaux 2020.
- [2017] "The Young Leibniz and the Principle of Contradiction: Adoption and Use Between Philosophy and Mathematics" in A. Lalanne (ed.), *Actes du colloque: Principia rationis. Les principes de la raison chez Leibniz (1646-1716)*, *Lumières*, Presses universitaires de Bordeaux, Bordeaux 2017.

- [2017] "Leibniz's Foundation of Arithmetic and its Influence on Frege" In Fichant M., Pisano R., Bussotti P., Oliveira ARE (eds.), *The Dialogue between Sciences, Philosophy and Engineering. New Historical and Epistemological insights. Homage to Gottfried W. Leibniz 1646-1716*, The College's Publications, London 2017, pp. 21-48.
- [2017] "*Umbrae Idearum*: Leibniz and the Confrontation with Bruno" in *Leibniz en diálogo, Thémata*, Sevilla 2017.
- [2016] "Leibniz, Weigel and the Birth of Binary Arithmetic" in *Lexicon Philosophicum*, 4, 2016, pp. 151-172.

Critical Editions, Edited and Translated Books

- [2019] Critical edition of Leibniz's mathematical manuscripts (N°58923, 58925, 58929, 58965), forthcoming in G.W. Leibniz, Akademie-Ausgabe, *G.W. Sämtliche Werke*, Ed. Akademie der Wissenschaften zu Berlin. Darmstadt/Leipzig/Berlin, Akademie-Verlag. Currently available online preprint as "Mathesis: unveröffentlichte mathematische Schriften von Gottfried Wilhelm Leibniz", <http://www.gwlb.de/Leibniz/Leibnizarchiv/Veroeffentlichungen/Mathesis.pdf> , pp.279-307.
- [October 2016] Italian translation and introduction of S. R. Garrels (ed.), *Mimesis and Science. Empirical Research on Imitation and the Mimetic Theory of Culture and Religion*, Michigan State University Press, 2011, as R. Garrels, M. Brancato, R. Colombo (ed.), *Scienza e mimesi. Ricerche empiriche sull'imitazione e sulla teoria mimetica della cultura e della religione*, Edizioni Libreria Cortina, Milano 2016.

Reviews

- [September 2014] Review: M. V. Griffin, *Leibniz, God and Necessity*, Cambridge University Press, New York 2013, in *Rivista di Storia della Filosofia*, Franco Angeli, 3, 2014.

Teaching Experience

- [2014 – Present] Examiner in Philosophy of History, State University of Milan.
- [2014 – 2018] Examiner in History of Moral Philosophy, State University of Milan.
- [2017 – 2018] Lecturer for the course: "La politica e gli animali" (Politics and Animals), introduction to Thomas Hobbes' philosophy, History of Moral Philosophy (2 hours, valid for 9 CFU or ECTS, chair: Professor Gianfranco Mormino).

- [2016 – 2017] Lecturer for the course: "Mass psychology and totalitarianism", Philosophy of History (2 hours, valid for 9 CFU or ECTS, chair: Professor Gianfranco Mormino).
- [2016 – 2017] Lecturer for the workshop: "Il *Discorso di metafisica* di G.W. Leibniz" (G.W. Leibniz's *Discourse on Metaphysics*), State University of Milan (20 hours, valid for 3 CFU or ECTS).
- [2015 – 2016] Lecturer for the workshop: "Corpi e identità in Galileo, Descartes e Hobbes" (Bodies and Identity in Galileo, Descartes and Hobbes), State University of Milan (20 hours, valid for 3 CFU or ECTS).
- [2014 – 2015] Lecturer for the workshop: "Leibniz e i futuri contingenti" (Leibniz and Future Contingents), Workshop, State University of Milan (20 hours, valid for 3 CFU or ECTS).

Academic Experience

- [10-11 April 2019] In the scientific committee for the international conference: "Les manuscrits de perspective de Leibniz", Université Aix-Marseille.
- [14-16 November 2017] In the scientific committee for the international conference: "*Causa sive ratio*: causality and reason in modernity between metaphysics, epistemology and science", State University of Milan.
- [18-19 October 2017] In the organising committee for the international conference: "Leibniz and Hobbes: A Complex Relationship. Inspiration, Opposition, Incorporation", State University of Milan.
- [21-22 January 2016] In the organising committee for the international conference: "Spinoza politico tra antico e moderno: Leo Strauss, Eric Voegelin, René Girard", State University of Milan.
- [22-26 June 2015] In the scientific committee of the *1st International Summer School for Sciences, History and Philosophy of Sciences & Science Education*, University of Lille, UFR de Physique.
- [15-16 September 2014] In the organising committee for the international conference: "Based on Reason. Leibniz's *Principles of Nature and Grace*", State University of Milan.
- [17-20 December 2013] In the organising committee for the conference: "L'Enigma della Natura", State University of Milan.

Selected Seminars and Conferences

- [12-13 November 2019] Speaker for the conference : *Réception et usages croisés de Spinoza et Leibniz*, Université Bordeaux Montaigne. Talk title: "Spinoza's and Leibniz's influence on Cantor's notion of infinity".
- [16 May 2019] Speaker for the *Mathesis* seminar, Université de Paris. Talk title: "An Introduction to Leibniz's dyadics".
- [10-11 April 2019] Speaker for the conference *Les manuscrits de perspective de Leibniz*, Aix-Marseille Université. Talk title: "Presentation and analysis of Leibniz's manuscripts on perspective".
- [12 September 2019] Speaker for the *Mathesis* seminar, Université de Paris. Talk title: "Leibniz's trigonometria sphaerica".
- [21 March 2018] Speaker for the *Mathesis* seminar, Université de Paris. Talk title: "The Auxilia calculi and Leibniz's perspective method".
- [14-15 December 2017] Speaker for the research symposium: *Reading Euclid in the early modern world*, All Souls College, Oxford. Talk title: "Leibniz and the German Interpretations of Euclid's Elements".
- [26-27 October 2017] Speaker for the conference: *I Think, Therefore I Teach: Evolutions in Early Modern Education*, University of Leuven. Talk title: "Saxon Universities and the Challenges of Early Modern Times".
- [18-19 October 2017] Speaker for the conference: *Leibniz and Hobbes: A Complex Relationship. Inspiration, Opposition, Incorporation*, State University of Milan. Talk title: "The Whole and the Part: Hobbes and Leibniz on Elements' Common Notion 5".
- [5 April 2017] Speaker for the *Annual British Society for the History of Science (BSHS) Postgraduate Conference*, European University Institute Florence. Talk title: "Galileo Galilei's Impact on Early Modern German Universities".
- [25-26 November 2016] Invited speaker for the conference: *Principia rationis. Les principes de la raison chez Leibniz (1646-1716)*, Université Bordeaux Montaigne-Centre SPH. Talk title: "The Principle of Contradiction and Leibniz's Methodological Reductionism".
- [7-8 October 2016] Invited speaker for the conference: *Mathesis quaedam Divina seu Mechanismus Metaphysicus. Leibniz and the sciences*, State University of Milan. Talk title: "Logical Coherence in Leibniz's Scientific Education".
- [20 July 2016] Speaker for the X International Leibniz Congress, July 18-23, 2016, Gottfried Wilhelm Leibniz University Hanover. Talk title: "Leibniz's Mathematical Concept of *Situs* and its Development in the Light of Erhard Weigel's Metaphysics".
- [21-22 January 2016] Speaker for the conference: *Spinoza politico tra antico e moderno: Leo Strauss, Eric Voegelin, René Girard*, State University of Milan. Talk title: "La costituzione

dello Stato ebraico in Spinoza e Hegel" (The Constitution of the Hebrew State in Spinoza and Hegel).

- [14 December 14 2015] Invited speaker for the conference: *Metafisica e scienza tra antico e moderno. Incontro di studi leibniziani*, Sapienza University of Rome. Talk title: "L'influenza di Weigel sulla *philosophia mathematica* di Leibniz" (Weigel's Influence on Leibniz's *Philosophia Mathematica*).
- [15-16 September 2014] Speaker for the conference: *Based on Reason. Leibniz's Principles of Nature and Grace*, State University of Milan. Talk title: "Why is Nothing Simpler than Something? Leibniz's Metaphysics of Simplicity in the *Principles of Nature and Grace*".
- [24 April 2014] Speaker for the seminar: *Kant's Teleology*, State University of Milan. Talk title: "Il Problema Teleologico nella Fisica del Seicento" (The Problem of Teleology in the Early Modern Physics).
- [3 April 2014] Speaker for the congress: *Congreso Iberoamericano Leibniz*, University of Granada. Talk title: "*Umbrae Idearum*: Leibniz and the Confrontation with Bruno".
- [18 December 2013] Speaker for the conference: *L'Enigma della Natura*, State University of Milan. Talk title: "*Un Ragionevole Inganno: Conoscenza Confusa e Natura Razionale in Leibniz*" (A Reasonable Mistake: Confused Knowledge and Rational Nature in Leibniz).

Affiliations

- [2017 – Present] Member of the *Société d'études leibniziennes de langue française*.
- [2014 – Present] Member of the *Red Iberoamericana Leibniz* (Leibniz Ibero-American Society).
- [2013 – Present] Member of the *Sodalitas Leibnitiana* (Leibniz Italian Society).