

Personal data

Date and place of birth January 23rd 1982 – Turin (Italy)

Nationality Italian

Position Associate Professor (*Maitre de Conférences HDR*), Université Jean-Monnet Saint-Étienne (France)

Address

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Education

2004 – 2009 PhD in Mathematics, University of Rome La Sapienza: *On \mathbb{Z}_p -extensions of real abelian number fields*, direction: prof. René Schoof.

01. – 07.2007 Visiting researcher, Laboratoire des Mathématiques de Caen (France).

01. – 07.2006 Visiting researcher, Laboratoire des Mathématiques de Jussieu (Paris).

2000 – 2004 Master in Mathematics, University of Turin: *Minorazione dell'altezza di Weil in campi di numeri abeliani e CM*, direction: prof. Andrea Mori.

Academic positions

09.2025 – 08.2026 Visiting Researcher, INRIA and École Normale Supérieure, Lyon (France).

09.2023 – present Associate Professor (“*Dr. habil.*”), Université Jean Monnet Saint-Étienne (France).

11.2013 – 09.2023 Lecturer, Université Jean Monnet Saint-Étienne (France).

10.2019 – 08.2020 Visiting Researcher, CNRS and PIMS, Vancouver (Canada).

11.2011 – 09.2013 JSPS post-doctoral position, University of Osaka (Japan).

03.2011 – 10.2011 INDAM post-doctoral position, University of Milan (Italy).

06.2009 – 02.2011 MATCH post-doctoral position, University of Heidelberg (Germany).

01. – 05.2009 Invited Researcher, University of Leiden (Netherlands).

Grants

10.2025– 09.2030 FALSE (“Formalizing Arithmetic in the Lean Software Environment”), 254k €, ANR.

01.2022– 12.2023 “Formalizing Local Class Field Theory in Lean”, 13.5k €, Labex MiLyon & UJM.

10.2019 – 08.2020 PIMS Visiting Professor, 3k CAD, PIMS (Canada).

01.2012 – 06.2013 “Grant-in-Aid for Scientific Research”, 2200k ¥, JSPS (Japan).

Publications and Preprints

For my full list of publications and preprints, see my HAL CV at

<https://cv.hal.science/fae-nuccio-mortarino-majno-di-capriglio>.

Open Science

- 09.2025 – present Coordinator of the [Publications college](#) of the Open Science Committee at the French Ministry for Higher Education and Research.
- 10.2024 – 09.2025 Member of the [Publications college](#) of the Open Science Committee at the French Ministry for Higher Education and Research.
- 10.2022 – present [Open Science Coordinator](#) of the Université Jean Monnet.
- 10.2022 – present Member of the steering committee of [RNBM](#), the French network of Mathematical Libraries.
- 11.2020 – present Member of the board of [MathOA](#), an organization aimed at facilitating and accelerating the switch to open access publishing in Mathematics.

Students and Juries

- 04.2025 – 07.2025 Supervision of the Master Thesis *A formalisation of Fatou’s Lemma in Measure Theory with Lean* of André Vado, Telecom Saint-Étienne.
- 10.2025 Participation to the committee for the PhD defense *Fonctions L p -adiques de Rankin–Selberg aux points semistables* by Martin Francqueville, Université de Bordeaux (France), direction: prof. Denis Benois.
- 05.2024 – 09.2026 Participation to the follow-up committee for the PhD project of Quentin Vermande, INRIA, direction prof. Yves Bertot and prof. Cyril Cohen.
- 02.2019 – 07.2019 Supervision of the Bachelor Thesis *Lean et localisation d’anneaux* of Charles Franchi, UJM Saint-Étienne.
- 02.2019 – 07.2019 Supervision of the Master Thesis *Iwasawa theory for CM elliptic curves* of Patricío Pérez Piña, ENS Lyon.
- 02.2019 – 07.2019 Supervision of the Bachelor Thesis *p -adic logarithm and p -adic exponential* of Emin Ali Calyaka, UJM Saint-Étienne.
- 09.2014 External referee for the PhD thesis *On the Birch and Swinnerton-Dyer conjecture for elliptic curves of analytic rank 0* by Andrea Berti, University of Milan (under the supervision of prof. Massimo Bertolini)

Editorial Responsibilities

- 09.2025 – 01.2026 Member of the Program Committee of [Certified Programs and Proofs 2026](#).
- 02.2024 – present [Annals of Formalized Mathematics](#), (ed. EPIsciences): founder and managing Editor.
- 10.2017 – 01.2021 *Algebraic Combinatorics*, (ed. Centre Mersenne): layout editor.
- 06.2017 – 11.2019 *Math. Slovaca*, (ed. De Gruyter Open): section editor “Number Theory”.
- 09.2016 – present *Journal of Math. Analysis and Application*, (ed. Elsevier), managing editor.
- 05.2016 – 10.2022 *Open Mathematics*, (ed. De Gruyter Open): section editor “Number Theory”.
- 07.2015 – present I have served as referee for the journals *Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg*, *Annales Mathématiques du Québec* (ed. Springer), *Confluentes Mathematici* (ed. Cedram), *Journal für die Reine und Angewandte Mathematik* (ed. De Gruyter), *Journal of Algebra and its Applications* (ed. Elsevier), *Journal de Théorie des Nombres de Bordeaux* (ed. Cedram), *Mathematica Slovaca* (ed. De Gruyter), *New York Journal of Mathematics*, *Tokyo Journal of Mathematics*.
- 05.2007 – present Reviewer for the mathematical databases *MathSciNet* and *Zentralblatt MATH*.

Languages

- Italian: native.
- English, French: C2
- German: B2
- Hebrew: A2