

## CURRICULUM VITAE - MAURO MANTEGAZZA

**Date and place of birth:** 28/09/1990, Treviglio (Italy)

**Nationality:** Italian

**Language skills:** Italian (native), English (IELTS: 8), Danish (very basic)

**Current academic affiliation:** Masaryk University, Brno (Czech Republic)

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### Academic career and education

- 2020, December - 2021, December: post-doctoral fellow at Masaryk University, Brno (Czech Republic).
- 2020, August - 2020, November: Oberwolfach Leibniz Fellow at the Mathematisches Forschungsinstitut Oberwolfach (MFO), Oberwolfach (Germany).
- 2020, January - 2020, August: visiting researcher at Universität Hamburg, by Prof. Vicente Cortés, Hamburg (Germany).
- 2016 - 2019: Joint PhD at Università degli Studi di Pavia (Italy) and Università degli Studi di Milano-Bicocca (Italy).  
PhD thesis: *An intrinsic approach to the c-map*, supervisor: Prof. Diego Conti.  
February 2018, June 2018: Visiting period at Center for Quantum Geometry and Moduli Spaces (QGM) at Aarhus University (Denmark).
- 2012 - 2015: Master programme ALGANT in Mathematics at Università degli Studi di Milano (Italy) 110 e Lode, and Universiteit Leiden (Netherlands) Cum Laude.  
Master Thesis: *Compactness in Toposes*, supervisor: Prof. Jaap van Oosten.
- 2009, 2012: Bachelor in Mathematics at Università degli Studi di Milano (Italy) 110 e Lode.

### Teaching activity

- 2019, fall: Exercises class for linear algebra and geometry at Università degli studi di Milano-Bicocca;
- 2018, fall: Tutoring for the course of linear algebra and geometry at Università degli studi di Milano-Bicocca;
- 2017, fall: Tutoring for the course of linear algebra and geometry at Università degli studi di Milano-Bicocca.

## Publications

- Mantegazza, M., Saha, A. - The c-map as a functor on certain variations of Hodge structure, arXiv preprint (2021). arXiv:2103.05060v1.
- Mantegazza, M. - Construction of projective special Kähler manifolds. Annali di Matematica (2021). DOI:10.1007/s10231-021-01096-4.

## Talks and conferences

- 2021, April: Invited talk for Hamburg University (online): *Functoriality of the c-map*, Hamburg (Germany);
- 2021, April: Invited talk for Masaryk University (online): *Functoriality of the c-map*, Brno (Czech Republic);
- 2020, March: Conference *Generalized Geometry and Applications*, Hamburg (Germany);
- 2020, January: Conference *A geometry day in Como*, Como (Italy);
- 2019: Conference *Dirac Operators in differential geometry and global analysis*  
Talk given: *An intrinsic Characterisation of projective special Kähler manifolds*, Będlewo (Poland);
- 2018: Conference *Differential geometry day*, Lund (Sweden);
- 2018: Workshop *Geometria in Bicocca*, Milano (Italy);
- 2018: Workshop *Informal geometry workshop in "Paradiso"*, Cogne (Italy);
- 2018: Invited Talk for the cycle Insalate di Matematica at Milano-Bicocca *All functions  $\mathbb{R} \rightarrow \mathbb{R}$  are continuous.*, Milano (Italy);
- 2017: Conference *Pure and Applied Differential Geometry*, Leuven (Belgium);
- 2015: Conference *Topos à l'IHES*, Paris (France);
- 2014: Summer School on Category Theory and Algebraic Topology, Lausanne (Switzerland).

Brno, 08.05.2020