

Andrea Musso

Curriculum Vitae

Education

- 2021–present **PhD. Computational Social Science**, Eidgenössische Technische Hochschule Zürich (ETHZ), Advisor: Prof. Dirk Helbing.
- 2018–2021 **MSc. Mathematics**, Eidgenössische Technische Hochschule Zürich (ETHZ), 6/6 GPA.
Master Thesis: Equidistribution of rational subspaces and their shapes.
- 2015–2018 **BSc. Mathematics**, Ecole Polytechnique Federale de Lausanne (EPFL), 5.18/6 GPA.
Bachelor Thesis: An accessible introduction to blockchain consensus protocols, cryptographic hash function and the theory of computation.

Preprints

- Feb 2021 Menny Aka, Andrea Musso and Andreas Wieser. *Equidistribution of rational subspaces and their shapes*. arXiv:2103.05163 (2021).
- Jan 2022 Andrea Musso and Dirk Helbing. *How networks shape diversity for better or worse*. arXiv:2201.09254 (2022).

Talks

- Apr 2021 Number Theory Seminar ETHZ, *Equidistribution of rational subspaces and their shapes*.
- Dec 2021 Behavioral Colloquium ETHZ, *What networks are bad for diversity?*

Conferences and Summer Schools attended

- Oct 2021 *Conference on Complex Systems*, Lyon, France.
- June 2022 *SFI Complex Systems Summer School*, Santa Fe, New Mexico.
- Oct 2022 *Conference on Complex Systems*, Palma de Majorca, Spain.
- January 2023 *CSH Winter School*, Obergurgl, Austria.
- May 2023 *12th European Meeting of the Urban Economics Association*, Milano, Italy
- June 2023 *Economic Fitness and Complexity Spring School*, Rome, Italy.

Awards

- 2021 *Willi Studer Prize* for best GPA, ETH Zurich
- 2021 *ETH medal* for outstanding master thesis, ETH Zurich

Languages

Italian (mother tongue), English (C2), French (C2), German (B1-B2)

Programming skills

Python, Latex, C++, SageMath, Java