

# Curriculum Vitae of Alessandro Lonardi

## Personal Data

Full name: Alessandro Lonardi

📍 Office: S2.018, Max Planck Ring 4, 72070, Tübingen, Germany

📞 Phone: (+39) 346 333 52 86

✉ E-Mail:

- [alessandro.lonardi \[at\] tuebingen.mpg.de](mailto:alessandro.lonardi@tuebingen.mpg.de)
- [alessandro.lonardi.vr \[at\] gmail.com](mailto:alessandro.lonardi.vr@gmail.com)

🌐 Personal Site: [aleable.github.io](https://aleable.github.io)

## Research Experience

Mar 1, 2020 – Aug 31, 2020

Research Intern at Max Planck Institute for Intelligent Systems: Physics for Inference and Optimization group, Tübingen, Germany

**Supervisor:** Dr. Caterina De Bacco (MPI for Intelligent Systems)

## Education

Sep 1, 2020 – present

Ph.D. Student at Max Planck Institute for Intelligent Systems: Physics for Inference and Optimization group, Tübingen, Germany

**Supervisor:** Dr. Caterina De Bacco (MPI for Intelligent Systems)

Oct 1, 2018 – July 23, 2020

Master's Degree in Mathematical Engineering (Mathematical Modelling for Engineering and Science) at University of Padua, Italy

**Thesis:** *Developing new methods for routing and optimal transport on networks*

**Supervisor:** Prof. Mario Putti (UniPd)

**Co-supervisor:** Dr. Caterina De Bacco (MPI for Intelligent Systems)

Oct 1, 2015 – Sept 24, 2018

Bachelor's Degree in Physics at University of Padua, Italy

**Thesis:** *Dynamics and thermodynamics of the adiabatic piston*

**Supervisor:** Prof. Giancarlo Benettin (UniPd)

## Languages

Italian (native)

English (very good user) – IELTS score: 8/9 | Cambridge ESOL: CAE | CEFR: C1

German (beginner)

## IT skills

Basic level: ROOT, LTspice

Good level: C++ (Boost, LEMON: Modelling and Optimization in Networks, ...),  
Mathematica, Microsoft Office Suit, Linux: Arch based distributions, Git, HTML

Advanced level: Python (Numpy, Pandas, SciPy, NetworkX, Matplotlib, ...),  
Linux: Debian based distributions, macOS, L<sup>A</sup>T<sub>E</sub>X, MATLAB

## **Extracurricular activities**

2016 – 2017      Volunteer for “Pint of Science Italia”, Padua, Italy

I worked for the promotion, organization and moderation of several scientific dissemination lectures, in the context of an event held simultaneously in more than 300 cities worldwide.

Last Update: September 5, 2020