

# Tommaso Mannelli Mazzoli

## Curriculum Vitae

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🌐 [www.dbai.tuwien.ac.at/user/tmannell/](http://www.dbai.tuwien.ac.at/user/tmannell/)

### Personal Data

born in Florence (Italy), 1993-09-22

Italian citizenship

### Education

Since 2021 **Ph.D. Student in Computer Science**, *TU Wien*, Vienna (Austria).

Advisor: Nysret Musliu

2019 – 2020 **Master of Science in Mathematical Engineering**, *Universidad Complutense Madrid*, Madrid (Spain),  
Double degree.

Advisor: Angel Felipe Ortega

2018 – 2020 **Master of Science in Applied Mathematics**, *University of study*, Florence (Italy).

Advisor: Stefania Bellavia

Thesis: The Quadratic Assignment Problem, Metaheuristic approaches

Area of Concentration: Combinatorial Optimisation

2013 – 2017 **Bachelor of Science in Mathematics**, *University of study*, Florence (Italy).

Advisor: Andrea Colesanti

Thesis: Integration in finite terms: The Liouville's Theorem

Area of Concentration: Differential Algebra

### Research Interests

Metaheuristic methods

Crew Scheduling Problems (in particular, Bus Driver Scheduling Problem)

### Work Experience

Since 2021 **Project Assistant**, *Institute for Logic and Computation*, TU Wien, Vienna, Austria.

Funded by FWF project W1260-N35, Vienna Graduate School of Combinatorial Optimization

2017 – 2021 **Ambulance rescuer**, *Humanitas Firenze Nord*, Florence (Italy).

2014 – 2019 **Academic senator**, *University of study*, Florence (Italy).

2011 – 2021 **Maths and Physics's private tutor**.

### Publications

2022 **Lucas Kletzander, Tommaso Mannelli Mazzoli, Nysret Musliu**, *Metaheuristic Algorithms for the Bus Driver Scheduling Problem with Complex Break Constraints*, Genetic and Evolutionary Computation Conference (GECCO 2022). <https://doi.org/10.1145/3512290.3528876>.

### Knowledge

Programming languages Python, Octave, Matlab, Fortran, L<sup>A</sup>T<sub>E</sub>X, C

Software Gams, MiniZinc, SAS, SPSS

### Languages

Italian **Mother Language**

English **Intermediate**

Spanish **Intermediate**

German **Basic**

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## Other Activities

Hobby **Interested in Science and technology in general, chess.**

Others **Italian driving license B, AED operator.**