

# Matteo D'Achille

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Born: December 6, 1990—Monza, Italy

Nationality: Italian

## Education

- 2016 MSc in Theoretical Physics, University of Milan, final mark 110/110 “summa cum laude”.  
Title: “**On two linear assignment problems: random assignment and Euclidean bipartite matching**”. Thesis supervisor: Sergio Caracciolo. Assistant supervisor: Gabriele Sicuro.
- 2012 BSc in Physics, University of Milan, final mark 110/110.  
Title: “**La Teoria di Schwarz-Christoffel e il Biliardo Quantistico Poligonale**”.  
Thesis supervisor: Luca Guido Molinari.

## Publications

### PREPRINTS

- 2017 “Random Euclidean matching problems in one dimension”, with S. Caracciolo and G. Sicuro. [arXiv:1707.05541](https://arxiv.org/abs/1707.05541) [[cond-mat.dis-nn](#)]

### JOURNAL ARTICLES

- 2017 “Finite-size corrections in the random assignment problem”, with S. Caracciolo, E. Malatesta and G. Sicuro, *Physical Review E* **95** (5), 52129. [doi:10.1103/PhysRevE.95.052129](https://doi.org/10.1103/PhysRevE.95.052129)

## Schools and conferences

- 2016 “Optimal Transport and Applications” conference, *Scuola Normale Superiore*, Pisa, Italy. [Website](#)
- 2014 “Mathematical Physics, Analysis and Stochastics” Summer School, *Ruprecht Karls Universität*, Heidelberg, Germany. [Website](#)

## Scientific societies

- 2017- *European Physical Society*, individual member
- 2013- *Italian Physical Society*, voting member

Last updated: July 19, 2017 • [matteodachille.github.io](https://matteodachille.github.io)