

# Simone Di Marino

Associate professor

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## *Education and training*

2014

**PhD**

Recent advances on BV and Sobolev Spaces in metric measure spaces

Scuola Normale Superiore di Pisa

## *Academic experience*

2019 - ONGOING

**Professore associato**

Università di Genova - Genova - IT

2016 - 2019

**Ricercatore a tempo indeterminato III livello**

Unità INdAM Scuola Normale Superiore di Pisa - IT

2014 - 2016

**Postdoctoral Fellow**

Université Paris-Sud - Orsay - FR

## *Research interests*

My main focus is in Optimal Transport and its Applications in the Natural Sciences. In particular I studied particle approaches to PDEs, strong correlation approximations in DFT, multimarginal optimal transport. I also worked on first order differentiable structures in non-smooth spaces, as well as application of analysis to Machine Learning.