



## Matteo Salvador

Postdoctoral Scholar, Cardiology

### Bio

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#### BIO

Matteo Salvador is a Postdoctoral Researcher in the Cardiovascular Biomechanics Computation Lab led by Professor Alison Marsden.

His main research topics are related to cardiac modeling, model-order reduction and uncertainty quantification.

Matteo Salvador received his Bachelor of Science in Mathematical Engineering and his Master of Science in Computational Science and Engineering from Politecnico di Milano.

He completed his PhD in Mathematical Models and Methods for Engineering at Politecnico di Milano under the supervision of Professor Alfio Quarteroni. He worked in the framework of the iHEART project, whose aim is to create a fully integrated human heart for the accurate and efficient numerical simulation of the cardiac function. Specifically, he developed comprehensive mathematical models blended with novel numerical methods and Scientific Machine Learning for cardiac electromechanics.

#### STANFORD ADVISORS

- Alison Marsden, Postdoctoral Faculty Sponsor

#### LINKS

- Personal website: <https://sites.google.com/view/matteosalvador/homepage>