List of Publications


Conferences and Workshops

C1. ROMs in CFD (talks): Summer School on Reduced Order Methods in Computational Fluid Dynamics, 8–12 July 2019, SISSA, Trieste, Italy.


**C5.** ADMOS 2017 (talk): International Conference on Adaptive Modeling and Simulations, 26–28 June 2017, Verbania, Italy.

**C6.** QUIET 2017 (poster): Quantification of Uncertainty: Improving Efficiency and Technology, 18–21 July 2017, Trieste, Italy.

**C7.** ME3 Conference at Institut Henri-Poincaré (poster): Recent developments in numerical methods for model reduction, 7–10 November 2016, Paris, France.

**C8.** Introductory school at IESC: Numerical methods for PDEs, 5–9 September 2016, Cargese, France.

**C9.** COST EU-MORNET (talk): Reduced Order Methods in Computational Fluid Dynamics: state of the art and perspectives, 22–23 February 2016, SISSA, Trieste, Italy.

**Awards and Funding**


**A2.** 2018–2019 MISTI MIT-Italy FVG Project: Multi-disciplinary Ship Design by Reduced Order Models and Machine Learning at MIT and SISSA.

**A3.** Ph.D scholarship at SISSA, financed by Fincantieri S.p.A..

**A4.** Master in HPC scholarship at SISSA & ICTP, financed by Nvidia.

**A5.** SISSA: Master thesis fellowship for pre-graduate students (2014).

**Research Projects I Have Been Involved in**

**R1.** H2020 ERC CoG 2015 AROMA-CFD project 681447 “Advanced Reduced Order Methods with Applications in Computational Fluid Dynamics” P.I. Gianluigi Rozza, supported by European Union Funding for Research and Innovation — Horizon 2020 Program — in the framework of European Research Council Executive Agency.


**R5.** INdAM GNCS 2019: “Advanced intrusive and non-intrusive model order reduction techniques and applications”.

**R6.** INdAM GNCS 2018: “Tecniche di riduzione di modello per le applicazioni mediche”.

**R7.** TRIM-OPT, Cluster Trasporti Italia 2020, main partner CNR-INSEAN.
Software Libraries


Master Theses as co-advisor


