

PERSONAL INFORMATION **Daniele Tortorici**

WORK EXPERIENCE

Jan 2022 – Present

Phd Student

University of Rome “Sapienza”, Piazzale Aldo Moro 5, 00184 Rome - Italy

- Study of a closed-loop process for recycling high-performance thermoset epoxy/carbon fiber composites

Sector Aerospace research

Mar 2021 – Dec 2021

Research grant

University of Rome “Sapienza”, Piazzale Aldo Moro 5, 00184 Rome - Italy

- Development of aerospace thermoplastic-based components with complex geometry and high thermo-mechanical performance, through multiscale structural analysis and virtual prototyping

Sector Aerospace research

EDUCATION AND TRAINING

Jan 2016 – Jan 2020

Master’s degree in Space and Astronautical Engineering. Grade 102/110

EQF 7

University of Rome “Sapienza”, Piazzale Aldo Moro 5, 00184 Rome - Italy

- Satellite curriculum
- Main fields: aerospace materials, aerospace structure, space science, propulsion, orbital mechanics

Sept 2010 – Dec 2015

Bachelor's degree in Aerospace Engineering

EQF 6

Sapienza University of Rome, Piazzale Aldo Moro 5, 00184 Rome - Italy

- Main fields: Physics, Chemistry, Calculus, Aerodynamics

Sept 2005 – Jun 2010

High school leaving qualification in scientific studies cum laude

EQF 4

State Scientific High School Ettore Majorana, Via Carlo Avolio 111, 00128 Rome - Italy

- PNI program (Maths and IT deepening)

PERSONAL SKILLS

Mother tongue

Italian

Other language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1

Digital skills Very good knowledge of the windows operative systems and of the following software:

- Office
- Matlab
- Catia V5
- Digimat
- Abaqus

Communication skills Capacity for synthesis, good communication skills and public speaking skills gained through my academic experience

Organisational / managerial skills Teamwork and team lead experience gained through my academic experience

Job-related skills Experience in composites material manufactory and finite element analysis

Driving licence B

ADDITIONAL INFORMATION

Publications

- Marco Sabatini, Daniele Tortorici, Susanna Laurenzi, "NUMERICAL SIMULATIONS AND EXPERIMENTAL TESTS FOR THE DEPLOYMENT OF ATHIN-WALLED BISTABLE COMPOSITE BOOM", 71th International Astronautical Congress (IAC) The CyberSpace Edition 12-14 October 2020. Preselected for publication for Acta Astronautica.
- Master's degree Thesis "Modellazione numerico-sperimentale della fase di dispiegamento di una struttura boom".

Other Certificates

- PEGASUS Certificate: "Certificate of completion of studies within one of institutions of the PEGASUS the European network of excellence in aerospace engineering education, network". 01/22/2020.

Personal data I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".