INFO & CONTACTS

Rome, Lazio, Italy

+39 3317441042

federico.zanetti@uniroma1.it

Federico Zanetti

ACADEMIC TRAINING

From November 2024:
PhD Student in Aeronautical and Space Engineering, Università degli Studi di Roma “La Sapienza” - Roma, in collaboration with ENEA-Casaccia Research Center.

Master degree: Aeronautical Engineering, 2024 (105/110)
Thesis title: Development and Evaporation modeling of alternative and conventional Bayesian-inference-based jet-fuel surrogates.
Thesis Supervisor: Prof. Pietro Paolo Ciottoli Università degli Studi di Roma “La Sapienza” - Rome

Bachelor degree: Aerospace Engineering, 2020 (98/110)
Thesis title: Dynamic Soaring: dal volo degli uccelli ai velivoli UAV.
Thesis Supervisor: Prof. Giorgio Graziani Università degli Studi di Roma “La Sapienza” - Roma

IT SKILLS

Matlab, Mathematica, Nastran, Patran, Adams, Microsoft Office, Overleaf.

LANGUAGE SKILLS

- **Italian**: Native speaker
- **English**: Advanced
- **Spanish**: Beginner

STUDY PLAN

- Air Traffic Control
- Gasdynamics
- Aircraft Engines
- Aeronautical Structures
- Flight Dynamics
- Control Systems
- Gas Turbine Combustors
- Nonlinear Analysis of Structures
- Air Guidance and Air Navigation
- Aerospace Materials
- Aeroelasticity
- Combustion
- Aeroacoustics

UNIVERSITY PROJECTS

Several projects were completed related to Aeronautical Structures and Nonlinear analysis of structures courses, utilizing MSC Nastran and Patran and Adams. Additional projects focused on flight dynamics, requiring the use of Matlab and Simulink. During the Aircraft Engines course, an aircraft engine design was proposed and developed using the software Mathematica.