FRANCESCO BELLELLI

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francesco-bellelli

EDUCATION

M.S. in Aerospace Engineering

Grade: 109

Sep 2020 – Jul 2022 Polytechnic of Turin

Thesis: Development and validation of a Vortex Particle code to evaluate Rotor and Propeller performance.

B.S. in Aerospace Engineering

Grade: 103

Sep 2017 – Jul 2020 Polytechnic of Turin

Thesis: Evaluation of aileron angles required to perform typical maneuvers in an aircraft's mission profile.

PUBLICATIONS

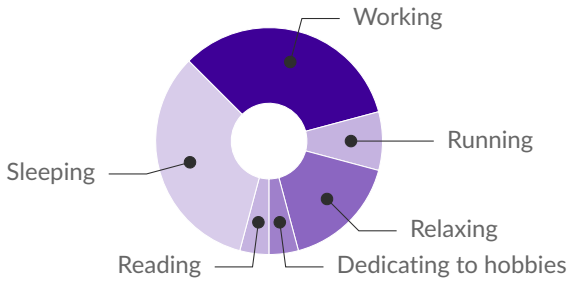
Conference Proceedings

- Francesco Bellelli, D. D., Manuel Carreno Ruiz. (2022). Numerical investigation on the aerodynamic design of quadrotor blades operating in the martian atmosphere.

INTERESTS

- Bricolage.
- High-tech and videogames.
- Social media.

A DAY OF MY LIFE



LIFE PHILOSOPHY

"How you do one thing is how you do everything."

MOST PROUD OF

Organization I had
to finish Bachelor's and Master's degrees on time, while being part of a student team and managing a social media project.

Persistence & Consistency
I showed despite the hard moments during my academic career.

STRENGTHS

Hard-working | Organization | Team-working | Problem-solving

CFD | MATLAB | C/C++ | FORTRAN | Python | Linux | Office

LANGUAGES

Italian ●●●●●
English ●●●●○
French ●●○○○
Spanish ●○○○○

EXPERIENCE

Development of a Vortex Particle application

Polytechnic of Turin

Feb 2022 – Current Turin, TO

- Codified my Master's Thesis into a stand-alone application.
- Used the application to predict UAS performances.

Flight Mechanic

ICARUS PoliTO

Oct 2018 – Current Turin, TO

- Development of flight mechanics models to predict aircraft performances.
- Development of a motor-propeller bench test.
- Flight test campaign.