



Edoardo Del Vecchio

WORK EXPERIENCE

[12/2022 – Current]

Research Fellow

Department of Mechanical and Aerospace Engineering, Sapienza University of Rome

City: Rome

Country: Italy

[10/2021 – 11/2022]

Post Graduate Research Fellow

Department of Mechanical and Aerospace Engineering, Sapienza University of Rome

City: Rome

Country: Italy

EDUCATION AND TRAINING

[2021 – Current]

PhD Student in Aeronautical and Space Engineering

Sapienza University of Rome

City: Rome

Country: Italy

[2017 – 2020]

Master Degree in Space and Astronautical Engineering

Sapienza University of Rome

City: Rome

Country: Italy

Final grade: 110/110 cum laude

Thesis: Path Planning and Stereo Vision-based Map Update for NASA's Mars 2020 Perseverance Rover

[2014 – 2017]

Bachelor Degree in Aerospace Engineering

Sapienza University of Rome

City: Rome

Country: Italy

Final grade: 109/110

Thesis: Effects of Saturn System's Plasma Environment on Cassini's Radio Signals

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

[2023]

[Regional variations of Mercury's crustal density and porosity from MESSENGER gravity data](#)

Reference: A. Genova, S. Goossens, E. Del Vecchio, et al., Icarus, Volume 391, 2023, 115332

DIGITAL SKILLS

Python | JPL mission analysis operations navigation toolkit environment (MONTE) specialized software | MATLAB | Gazebo (Robotics simulator) | C++ | LaTeX | NASA GSFC GEODYN