



Martina Ciambellini

Personal Informations

Date of birth 10th June 1997
Gender Female
Nationality Italian
Residence Rome, Italy
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Education

2023–present **PhD Student, Aeronautical and Space Engineering**, Sapienza University of Rome.

2019–2022 **Master of Science in Space and Astronautical Engineering**, Sapienza University of Rome.
Thesis: *D* Path Planning Algorithm based on Stereo Vision Map Update* (subject: Space Robotic Systems)
Graduation date: 28/03/2023 Final grade: **110/110 cum laude**

2016–2019 **Bachelor of Science in Aerospace Engineering**, Sapienza University of Rome.
Thesis: *Experimental analysis for the characterization of friction materials at stick-slip and squeal instabil* (subject: Applied mechanics)
Graduation date: 06/11/2019 Final grade: **110/110 cum laude**

2011–2016 **Scientific high school diploma**, Liceo Scientifico Democrito, Rome.
Final grade: **100/100 cum laude**

Experience

February 2023–
October 2023 **Research Fellowship**, Sapienza University of Rome
NIM - Autonomous navigation system for MicroSatellites: Development of an onboard system for autonomous navigation based on a sensor data fusion approach. This project is funded by ASI and led by Progetti Speciali Italiani SRL.

Certifications

2022 PEGASUS Certificate, European Network of Excellence in Aerospace Engineering Education

Computer skills

Programming Languages MATLAB, Python

Softwares Simulink, Mission Analysis Operations and Navigation Toolkit Environment (MONTE), Robot Operating System (ROS2), Gazebo, GMAT, Microsoft Office, Latex

Operating systems Windows, Linux

Language Skills

Italian

English

I authorize the processing of personal data in the Curriculum Vitae according to art. 13 D. Lgs. 196/2003 and art. 13 GDPR 679/16.