Federica Conti

CONTACTS

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📞 +39 3205321414

📌 Rome, Italy

LANGUAGES

🇮🇹 Italian : Mother tongue

🇬🇧 English : Advanced Level

🇫🇷 French : Advanced Level

🇪🇸 Spanish : Basic Level

🇵🇸 Arabic : Less Basic Level

PROFESSIONAL PROFILE

- Great motivation in completing the assigned tasks within the established time frame and according to the pre-established requirements
- Versatility in problem solving
- Inclination to teamwork
- Spirit of adaptation
- Operational skills
- Organizational, interpersonal and time management skills
- Maximum seriousness, hourly flexibility and availability
- Ability to manage multiple tasks simultaneously and work under pressure

EDUCATION AND TRAINING

Rome, on-course - **PhD student in Aeronautical and Space Engineering**
Thesis: "In-orbit servicing solutions, space situational awareness and planetary protection (risks of collision with residues of space junk, asteroids/meteorites) for a sustainable development of satellite communication, navigation and observation services"

Rome, 07/2021-12/2021 - **Internship with Telespazio s.p.a.** inside the C2DF (Concurrent & Collaborative Design Facility) ,
Thesis Title: "Application and integration of C2DF modeling capabilities for the study of Communication and Navigation Services in Lunar orbit"

Rome, 03/2021-12/2021 - **II level Master: "Satellites and orbital platforms"**
Sapienza, University of Rome
Thesis Title: "Integration of Model Based System Engineering inside the mission concept of a lunar communication and navigation services mission "

Rome, 10/2020 - **Master Degree**: Space and Astronautical Engineering
Sapienza, University of Rome
Thesis in materials science and technology
Thesis title: Use of the Geant4 toolkit for the simulation of cosmic ray beams on nano-composite materials based on oxidized graphene

Rome, 10/2017-06/2018 - Participation at "**Sapienza Space Team**" in the on-board data handling subsystem

Madrid, 07/2016 - Stage with space propulsion subject, made by BEST organization at Carlos III University

Rome, 05/2016 - **Bachelor's Degree: Aerospace Engineering**
Sapienza, University of Rome
Thesis in flight mechanics

IT SKILLS

Office Automation : Word Processing, Spreadsheets, Office Suites, Web Browsers
Application software: **Capella software**, CAD software, MSC Patran & Nastran, CATIA v5, **STK**, GMAT General Mission Analysis Tool, MSC Adams
Programming Languages: C ++, **MATLAB**
Markup languages: CSS, HTML
Systems and Network Management: Network Architectures, Operating Systems
Data Management: Database Management Systems (DBMS)