Giovanni
Anconitano

WORK EXPERIENCE

23/04/2020 – 22/07/2020 – Rome, Italy

Research Collaborator

CRAS - Sapienza Aerospace Research Center

Working on the SEMIA (Sistema Esperto per la MItigazione dei rischi in Agricoltura, Expert System for Risk MItigation in Agriculture) Project funded by LAZIO INNOVA.

Main activity: In situ measurements for validation of satellite data extracted in agricultural areas. An algorithm to retrieve the soil moisture content from SAR and optical data was used.

EDUCATION AND TRAINING

2016 – 2018 – Rome, Italy

Master of Science in Space and Astronautical Engineering

University of Rome "La Sapienza"

Thesis: "Electromagnetic emissions and ionospheric variations associated with the initial phase of a seismic event: techniques for their detection from space."

20/02/2018 – 23/02/2018 – Redu, Belgium

ESA Academy Concurrent Engineering Workshop

European space Security and Education Centre

Been part of the Trajectory Analysis team.

10/2016 – 12/2016 – Rome, Italy

LEDSAT design

University of Rome "La Sapienza"

LEDSAT is a 1U CubeSat equipped with a led-based technology and developed during the "Spacecraft Design" course at University of Rome "La Sapienza".

Been part of the Mission Analysis Team.

2009 – 2015 – Rome, Italy

Bachelor of Science in Aerospace Engineering

University of Rome "La Sapienza"

Thesis: "Effects of space radiation on the human organism in long-term missions."

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

English

Listening	Reading	Spoken production	Spoken interaction	Writing
B1	**B2**	**B1**	**B2**	**B2**

DIGITAL SKILLS

Office Suite (Microsoft Word, Microsoft Excel, Microsoft PowerPoint) | MATLAB Programming Language | ADINA (Automatic Dynamic Incremental Nonlinear Analysis) | AGI Systems Tool Kit (STK) | Polarimetric SAR data Processing and Educational Toolbox (ESA PolSARpro Toolbox) | Sentinel Application Platform (SNAP)

CERTIFICATIONS

Certifications

- Level 1 - STK Certification
- Level 2 - STK Master Certification
- Level 3 - STK Grand Master Certification
- PEGASUS: The European Network of Excellence in Aerospace Engineering Education

COURSES

Courses

- MATLAB Onramp Course

ORGANISATIONAL AND COMMUNICATION SKILLS

Teamwork activities

Experienced in several teamwork activities such as planning a space mission through the methods of Concurrent Engineering.

Scientific dissemination

Involved in scientific dissemination activities regarding space missions and Earth Science related disciplines.

Public speaking

DRIVING LICENCE

Driving Licence: **B**

PERSONAL DATA

Personal data

In compliance with the GDPR and the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff.

27/11/2020