

PERSONAL INFORMATION

Fabio Santoni



UN Crescent, Gigiri, Nairobi - P.O. Box 63389 - 00619 Muthaiga – Nairobi, Kenya

✉ fabio.santoni@esteri.it
✉ fabio.santoni@uniroma1.it
✉ fabio.santoni1@gmail.com

www.ambnairobi.esteri.it

WORK EXPERIENCE

from 21/02/2022

Scientific attaché, Embassy of Italy in Nairobi

Ministero Affari Esteri e Cooperazione Internazionale (Italian Ministry of Foreign Affairs)

- Bilateral scientific and technological relations with Kenya and Seychelles
- Support to the Head of Mission in multilateral relations at UNEP and UN-Habitat, including official meetings and negotiation activities

from 01/03/2005

Associate Professor of Aerospace Systems

Sapienza University of Rome

- Research and consultant activity in aerospace systems
- Director of the Postgraduate Course in Space Mission Design and Management
- Director of the Postgraduate Course in Capacity Building in Astronautics
- President of the University spin-off company Roboptics srl

22/05/1995 – 28/02/2005

Assistant Professor of Aerospace Systems

Sapienza University of Rome

- Research and consultant activity in aerospace systems

EDUCATION AND TRAINING

01/11/1992 – 01/11/1995

PhD in Aerospace Engineering.

Sapienza University of Rome, Rome, Italy

12/07/1992

Laurea (MSc) Degree in Aeronautical Engineering, with honours

Faculty of Engineering, University of Rome "La Sapienza", Rome, Italy

PERSONAL SKILLS

Mother tongue

Italian

Other languages

English (proficient user)

Communication skills

Good communication skills in scientific and technological events, conferences, seminars, teaching.

Organisational / managerial skills

- Scientific coordination of several research programs in aerospace engineering.
- Coordination of international and interdisciplinary research groups for the design, development, launch and operation in orbit of several scientific satellites.
- Founder, president and legal representative of the Sapienza University spin-off company Roboptics srl (2012-2021).
- Director of the International Postgraduate Course (Master Internazionale) in "Space Mission Design and Management", at DIAEE-Sapienza, in collaboration with the School of Engineering, University of Nairobi (2016-2019).
- Director of the International Postgraduate Course (Master Internazionale) in "Capacity Building in Astronautics", at DIAEE-Sapienza, in collaboration with Machakos University, Kenya (2019-2022).

Job-related skills

- Scientific, technological and applied research activities in the field of aerospace engineering.
- Consultant activity for aerospace companies and Italian Air Force
- National Academic Qualification (Abilitazione Scientifica Nazionale) as Full Professor in Space Systems (2014-2028)

ADDITIONAL INFORMATION

Participation in technical working groups, Academies, International bodies

- Corresponding Member of the International Academy of Astronautics (IAA)
- IADC (InterAgency space Debris Committee), representative of the Italian Space Agency–Working Group 4 Mitigation, (2010-2021)
- Point Of Contact (POC) in Italy for the University Space Engineering Consortium UNISEC-GLOBAL, led by University of Tokyo, internationally promoting university space research missions, space education and outreach programs (2013-present)
- Member of the Italian Space Agency Delegation at the United Nations Committee on the Peaceful Uses of Outer Space - UNCOPUOS (2018)
- Observer at the UNCOPUOS (2018, 2019) for the University Space Engineering Consortium UNISEC-GLOBAL
- Delegate of the Italian Space Agency at UNISPACE+50 (June 2018)
- Observer at the International Space Forum – African Chapter, Nairobi, Feb 2018

Fellowships and Prizes

- Visiting scholar at the Space Systems Development Laboratory, Stanford University, with a one year fellowship from the Italian Research Council (CNR)(1996)
- Second classified in the Bepi Colombo Prize 2006 Award List, a contest promoting excellence in translating innovation into successful applications with significant innovations in aerospace, open to young researchers worldwide, Padua, Italy, December 1st 2006
- Visiting Professor at the SRH Hochschule, Heidelberg, Germany, in the framework of the EC Erasmus program (2010)
- Awarded as Outstanding Reviewer Status for Acta Astronautica, Elsevier (2014)
- Winner of the selection in the framework of the 1st Cycle of the "United Nations/China Cooperation on the Utilization of the China Space Station (CSS)", as the proposer of the experiment BARIDI SANA, (2019)
- Winner of the International Astronautical Federation (IAF)-GK "Competition for the Free Launch of a 1U Cubesat on the First Commercial Mission of GK Launch Services!", (2019)

PUBLICATIONS

Database

- SCOPUS:
<https://www.scopus.com/authid/detail.uri?authorId=6603706665>
documents: 190
articles in international peer reviewed journals: 63
books chapters: 1

Bibliometrics

- SCOPUS:
H-index: 30
Total Citations: 2076
H-index (excluding self-citations): 22
Total Citations (excluding self-citations of all authors): 1140