

Curriculum vitae

Chiara Maria Cocchiara



Young Space Leaders Award 2020

Forbes

Forbes 30Under30 Honoree 2017



**INNOVATORS
UNDER 35**

Innovator Under35 Award 2015



EUROPEAN
SATELLITE NAVIGATION
COMPETITION 2015

European Satellite Navigation Competition Award 2015



ATLANTIC
DIALOGUES

Atlantic Dialogues Emerging Leaders 2019



Crew Commander of a Mars Simulated Astronaut mission.

WORK EXPERIENCE

2020

Title: Campagna Pubblicitaria **PEUGEOT 508** (<https://vimeo.com/312775998>).

Role: Testimonial

2020

Title: Campagna Pubblicitaria **ROSATOM 75th Anniversary**.

Role: Testimonial

2016–Present

Title: System Operations Engineer / Coordinator at **EUMETSAT**.

Role: Operations Preparation for future Space Missions with focus on Earth Observation. EUMETSAT is the European operational satellite agency for monitoring weather, climate and the environment.

2017- Present

Title: Expert Space Economy , Public-Private

2017-2018 at **Walgreens and Boots Alliance**

Role: Creator of a new project between the pharmaceutical company and the space agency in order to create new pharmaceutical products to help astronauts for long space travels. The idea behind the project is not only to help astronauts in space, but then to use this technology to help people on Earth: use waterless products to help people on those Earth regions that lack of water (e.g. in Africa).

2012- 2016

Title: System Operations Engineer / System Operations Analyst at **EUMETSAT (SERCO)**

Role: Routine Operations for Geostationary Orbit Satellites, with focus on the Monitoring and Control systems.

2015- Present

Title: Visiting Lecturer at several German and Italian universities

Role: Course teacher about "Space Operations".

2007

Title: Unmanned Air Vehicle (UAV) Design Engineer at **Rolls Royce**

Role: Design Engineer for a new technology of Unmanned Air Vehicle.

OTHER WORK ACTIVITIES

2015- Present

Design and development of a new Drone technology to help the immigrants problem in the Mediterranean sea. With an infrared technology, GPS and a temperature algorithm, the technology is able to locate and help people risking their lives. The technology has been awarded the MIT Prize of Innovator Under 35 and European Satellite Navigation Competition in 2015.

2015- Present

Volunteer at Space Generation Advisory Council (SGAC), in support of the United Nations Programme on Space Applications.

2015

Crew Commander and Crew Engineer of a Mars Astronaut Simulated mission with the Mars Society and NASA projects. The simulation was done in the Utah desert in the US.

2007-2010

Coordinator of the Joint-Strike Fighters (JSF) F-35 project at European Level, at EUROAVIA. Responsible for students activities, as well as signing agreements with ministers of Foreign Affairs and Defence.

EDUCATION

2016–2017 Master of Business Administration (MBA)

Rome Business School, Rome (Italy)

2014–2015 Msc in Aerospace Engineering – Space CV

University of Bologna, Campus of Forli, Forli (Italy)

2010–2012 MSc In Space Technology

SpaceMaster - LTU Kiruna, Kiruna (Sweden)

2010–2012 MSc in Space Techniques and Instrumentation

SpaceMaster - UPS Toulouse, Toulouse (France)

2006–2010 BSc of Science in Aerospace Engineering

University of Pisa, Pisa (Italy)

LANGUAGES:

Mother tongue(s) Italian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2
German	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

PUBLICATIONS:

- 1) ***“Teleworking in the EU: the need of new regulations”***, Forbes, July 2020 (Paper)
- 2) ***“Le difficoltà di una vita Marziana”***, Airpress, October 2019 (Paper)
- 3) ***“Inspiring the next generation in the space operations community”***, SpaceOps, May 2018, Marseille, France
- 4) ***“Mars Colonization is not around the corner”***, Forbes, July 2017 (Paper)
- 5) ***“Establishing and Sustaining a Young Professional Programme in an International Space Professional Organization”***, International Astronautical Congress 2017, Adelaide, Australia.
- 6) ***“Multi-Mission Elements and their use in Enhanced Management Reporting at EUMETSAT”***, SpaceOps, May 2016, Daejeon, South Korea
- 7) ***“Mars Analogue Mission Crew 159 at MDRS: Christmas on Mars”***, SpaceOps, May 2016, Daejeon, South Korea.
- 8) ***“Multi-Mission Elements for EUMETSAT Operations”***, International Astronautical Congress, October 2015, Jerusalem, Israel.
- 9) ***“Space and Society: through History”***, International Astronautical Congress, October 2014, Toronto, Canada