

**First Name:**

Cosimo

Last Name:

Stallo

Position:

Space Panel Chair

Affiliation:

Italian Space Agency

Cosimo Stallo graduated in Electronic Engineering with specialization in Microelectronic Design at Polytechnic of Bari in 2005. He was involved in studying, analysing and simulating Optical Model of a selectively oxidized VCSEL (Vertical Cavity Surface Emitting Laser) emitting at 850 nm. He received cum laude a MSc Degree in “Advanced Communication and Navigation Satellite Systems” in 2006 at University of Rome Tor Vergata. He obtained a scholarship funded by Italian Space Agency for the Ph.D course in Microelectronics and Telecommunications XXII cycle (2006-2009) at University of Rome “Tor Vergata”. He obtained cum laude the Ph.D in Microelectronics and Telecommunications at Electronic Department of Engineering Faculty of University of Rome “Tor Vergata” on June 3 2010 with the Thesis: “Wireless Technologies for Future Multi-Gigabit Communications Beyond 60 GHz: Design Issue and Performance Analysis for Terrestrial and Satellite Applications”.

Currently, he is a senior researcher in Italian Space Agency. Since 2011 he is Professor for the course on Satellite Navigation at Master of Science on “Advanced Satellite Communication and Navigation Systems” of University of Rome Tor Vergata, Rome. Since 2013-14 he is tutor for the course on Communication Systems and Signal Theory at University of Trento, Italy.

His main fields of research concern terrestrial and satellite communications at Extremely High Frequency (EHF), design of payloads and subsystems for telecommunications at Q/V [35-75 GHz] and W [75-110 GHz] bands, satellite navigation, signal processing, and ICT for Quality of Life (biotechnology, health and energy). He is co-author of about 60 papers on international journals/transactions and proceedings of international conferences.