

# Giovanni Battista Palmerini

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## ● ABOUT ME

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Professor of Navigation and Space Systems at Sapienza Università di Roma  
Dean of the School of Aerospace Engineering of Sapienza Università di Roma

## ● WORK EXPERIENCE

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18/01/2019 – CURRENT Roma, Italy  
**PROFESSOR OF NAVIGATION AND SPACE SYSTEMS SAPIENZA UNIVERSITÀ DI ROMA**

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01/11/2000 – 17/01/2019 Roma, Italy  
**ASSOCIATE PROFESSOR, AEROSPACE GUIDANCE AND NAVIGATION SYSTEMS SAPIENZA UNIVERSITÀ DI ROMA**

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01/11/2004 – 31/10/2011 Forlì, Italy  
**CONTRACT PROFESSOR OF AIRCRAFT NAVIGATION ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA**

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26/05/1996 – 31/10/2000 Roma, Italy  
**RESEARCHER SAPIENZA UNIVERSITÀ DI ROMA**

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01/07/1992 – 31/07/1993  
**OFFICER OF THE ITALIAN NAVY, WITH DUTIES ON SATELLITE-BASED SAR**

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07/01/1992 – 15/04/1992 Roma, Italy  
**ENGINEER, CONSULTANT FOR SPACECRAFT ATTITUDE STUDIES ITALSPAZIO - CONSORZIO PER LE ATTIVITÀ SPAZIALI**

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## ● EDUCATION AND TRAINING

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01/03/1993 – 09/09/1996 Roma, Italy  
**PHD, AEROSPACE ENGINEERING Sapienza Università di Roma (with final national exam at Politecnico di Milano)**

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01/11/1985 – 01/10/1991  
**LAUREA IN AERONAUTICAL ENGINEERING, WITH HONORS Sapienza Università di Roma**

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01/06/1996 – 20/12/1996 Palo Alto, CA, United States  
**VISITING SCHOLAR Stanford University**

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15/04/1991 – 15/07/1991 Newport News, VA, United States  
**VISITING STUDENT NASA Langley Research Center**

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## ● LANGUAGE SKILLS

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Mother tongue(s): **ITALIAN**

Other language(s): **ENGLISH | FRENCH**

## ● ADDITIONAL INFORMATION

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### MANAGEMENT AND LEADERSHIP SKILLS

Dean, School of Aerospace Engineering at Sapienza Università di Roma, from 21/5/2021

Co-founder and responsible, Guidance and Navigation Lab

## HONOURS AND AWARDS

Corresponding (2016) and Lifetime (2020) Member of the International Academy of Astronautics

Member of the International Astronautical Federation Technical Committees on Astrodynamics and on Space Communications and Navigation

Senior Member of the American Institute of Aeronautics and Astronautics (AIAA), Member of Institute of Navigation (ION), of Institution of Electrical and Electronic Engineers (IEEE), of Italian Society for Aeronautics and Astronautics (AIDAA)

## PROJECTS

01/06/1996 – 31/12/2000

Member of the UNISAT team leading to the design, manufacturing, launch and operations of the first Italian University Microsatellite, injected into orbit from Baikonur on 9/2000

2019 – CURRENT

Manager of the studies on Satellite Formation Flying for Thales Alenia Space Italy

2012 – 2015

Co-I/proposal manager for an Astrium/Airbus funded-study on space debris removal

2013 – 2015

Manager of the Sapienza team for an ESA funded-study on GNSS navigation in lunar missions

2003 – 2007

Experiment manager for RSIS experiment onboard ESA lunar mission SMART-1

2006 – 2008

Lead author for the RTO/NATO Agardograph "High Precision Global Positioning System (GPS) for Flight Testing"

2021 – 2023

Technical expert, EUSPA

2012 – 2022

Research programs' expert evaluator, European Union FP7, Horizon 2020 and Horizon Europe, Lithuania, Latvia, Kazakhstan, Poland, Hong Kong and the Netherlands

## PUBLICATIONS

Author of 90 peer-reviewed articles and more than 180 papers presented at international conferences and published in indexed proceedings (bibliometric index, Elsevier Scopus database: total citations 1600, h-index 22)

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Member of the Editorial Board of Machines (2014- to date), Academic Editor of the International Journal of Aerospace Engineering (2017-to date), Associate Editor of Aerotecnica Missili & Spazio (2018- to date) and Chinese Journal of Aeronautics (2012-2018)

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## CONFERENCES AND SEMINARS

- Organizer and chair at the IEEE Aerospace Conference, session on Spacecraft Formations (2004 - to date) and session on Spacecraft Guidance, Navigation and Control (2009 - 2022)

- Session chair at the International Astronautical Congress, Navigation (2017-to date) and Astrodynamics (2019-to date) symposia

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