Personal information

Surname / First name	**Cappelletti, Chantal**
Address	
Telephone	
Personal Email	
Nationality	
Date of birth	
Gender	

Work experience

Date	2018 – present
Occupation or position held	**Assistant professor**
Name and address of employer	University of Nottingham, Nottingham, United Kingdom
Description	Professor in the course of Aerospace Engineering. Courses given: – Introduction to Space – Spacecraft Systems Engineering – Aerospace Group Design Project

Date	2013 – 2018
Occupation or position held	**Assistant professor**
Name and address of employer	Universidade de Brasília, Brasília, DF, Brasil
Description	Professor in the newborn course of Aerospace Engineering. Member of the Aerospace Engineering course Board of regents. Courses given (Three courses every semester, 705 hours of teaching overall): – Aerospace Systems – Design of Aerospace Systems – Orbital mechanics – Computer-Aided Drafting and Design – Experimental Physics – Heat Transfer

Date	2013 – present
Occupation or position held	**Member of the Scientific and Technical Committee**
Name and address of employer	GAUSS-Group of Astrodynamics for the Use of Space Systems, Roma, Italia

Description	Coordination of small satellite projects such as the UniSat series, the TUPOD, and the PocketQubeSats, biomedical researches in space, training courses and launch activities
Date	2013 – 2018
Occupation or position held	**External Consultant in Small Satellites Projects**
Name and address of employer	AEB-Brazilian Space Agency, Brasília, DF, Brasil
Description	Consultant for Small Satellites Projects involving educational institutions and small companies in Brazil
Date	2012 –2014
Occupation or position held	**Teaching assistant for the High-Level Postgraduate Advanced Course in Aerospace Engineering**
Name and address of employer	DIAEE-Department of astronautical engineering, Sapienza Università di Roma, Roma, Italia
Description	Space systems project teaching activities for Master students
Date	2012 – 2013
Occupation or position held	**Chief Executive Officer and Co-founder G.A.U.S.S. Srl**
Name and address of employer	GAUSS-Group of Astrodynamics for the Use of Space Systems, Roma, Italia
Description	Responsible for overseeing the activities of GAUSS company in the field of Launch services, satellites design, satellite operating in orbit, space debris, biomedical research in space
Date	2010 – 2012
Occupation or position held	**GAUSS Team Coordinator**
Name and address of employer	GAUSS-Gruppo di Astrodinamica Università degli Studi di Roma Sapienza, Roma, Italia
Description	Coordinator of GAUSS university research group. Several projects managed in the field of microsatellites design and in orbit operation, space debris, educational activities for high school students, biomedical research in space
Date	2009 – 2012
Occupation or position held	**Supervisor of the first Italian-Russian space debris observatory FIRST**
Name and address of employer	DIAEE-Department of astronautical engineering, Sapienza Università di Roma, Roma, Italia
Description	Coordination and management of the optical observation campaigns for space debris detection and tracking in cooperation with the ISON network
Date	2009 – 2012
Occupation or position held	**Supervisor of the first Italian space debris observatory SPADE**
Name and address of employer	DIAEE-Department of astronautical engineering, Sapienza Università di Roma, Roma, Italia
Description	Coordination and management of the optical observation campaigns for space debris detection and tracking in cooperation with IADC WG1
Date	2008 – 2012
Occupation or position held	**Teaching Assistant**
Name and address of employer	Scuola di Ingegneria Aerospaziale, Sapienza Università di Roma, Roma, Italia
Description	Teaching Assistant for Astrodynamics of Space Systems Chair (Prof. Filippo Graziani) and Co-Advisor for Master degree thesis
Date	2009 – 2012
Occupation or position held	**Graduate Assistant**
Name and address of employer	Morehead State University, KY, USA
Description	Graduate Assistant for Space Systems Chair (Prof R.J. Twiggs) and laboratory activities
Date	2007 – 2009
Occupation or position held	**Project Worker**

Name and address of employer	DIAA-Department of aerospace and astronautical engineering, Sapienza Università di Roma, Roma, Italia
Description	Design, manufacturing, management and maintenance of the first Italian space debris observatory SPADE
Date	2004 – 2005
Occupation or position held	**Trainee**
Name and address of employer	AleniaSpazio, Roma, Italia
Description	Package CE7/LTCC thermostructural analysis

Education and training

Date	2008 – 2012
Place	Scuola di Ingegneria Aerospaziale - Sapienza Università di Roma
Title of qualification awarded	**PhD in Aerospace Engineering**
Thesis	*GlioLab and GlioSat: University Platforms for Biomedical Payloads* - Advisors: prof. Filippo Graziani and Robert J. Twiggs
Date	2009 – 2012
Place	Space Science Center-Morehead State University
Title of qualification awarded	**Visiting researcher**
Research topic	Biomedical Research in Space and Small Satellites - Supervisor: prof. Robert J. Twiggs
Date	2005 – 2008
Place	Scuola di Ingegneria Aerospaziale, Sapienza Università di Roma
Title of qualification awarded	**MSc in Astronautical Engineering**
Thesis	*Progetto e realizzazione di una piattaforma di prova per il controllo e la determinazione d'assetto di piccoli satelliti (Project and manufacturing of a test bed for microsatellites attitude determination and control)* - Advisor: prof. Fabio Santoni
Date	1999– 2005
Place	Sapienza Università di Roma
Title of qualification awarded	**BSc in Aerospace Engineering**
Thesis	*Package CE7/LTCC thermostructural analysis* - Advisor: prof. Renato Barboni

Personal skills and competences

Mother tongue **Italian**

Other language(s) English, Portuguese, French

Self-assessment *European level*(*)	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
Portuguese	C2 Indipendent user	C2 Indipendent user	C1 Proficient user	C1 Proficient user	C2 Indipendent user
French	B2 Indipendent user	B2 Indipendent user	B2 Indipendent user	B2 Indipendent user	B2 Indipendent user

(*) *Common European Framework of Reference (CEF) level*

PROFESSIONAL RECOGNITIONS, ASSOCIATIONS AND AWARDS

Name	**International Academy of Astronautics (IAA)**
Role	Member
Name	**2019 IAA Engineering Sciences Award**

Role | Winner

Name | **Association of Italian researchers in Brazil (APIB)**
Role | Founder and Member

Name | **Inter-Agency Space Debris Committee (IADC)**
Role | Italian Space Agency delegate (2006-2012)

Name | **Italian Society for Aerospace Medicine (AIMAS)**
Role | Member

Name | **"I Guidoniani" prize in the field of biomedical research in space**
Role | Engineering Section Winner (2012)

Technical skills and competences

- Micro, nano and pico satellite design
- Space systems design
- Space Missions design
- Biomedical research in Space
- Space debris analyses and measurement
- Use of ground station and radio system for satellite communications
- Technical drawing and testing of mechanical parts
- Development and testing of electronic circuits
- Flight mechanics
- Orbital mechanics
- Attitude determination and control systems for spacecrafts (ADCS)
- Assembly Integration Test and Verification of space systems (AITV)
- Softwares: CATIA, SolidWorks Ansys, Altium (and others), MSC Nastran, Patran, Femap, Sofware Bisque: TheSky; Ccd Soft; Orchestrate; IAclient, IAserver; Maxim Dl, ESA PROOF-2005, Thermal Desktop, Ham Radio Deluxe suite, Satellite Tool Kit, Orbitron, LaTeX.

Additional information

PUBLIC COMPETITIVE PROJECTS

Title and date	**ESA Moon GNSS RX – present**
Institution and place	University of Nottingham, United Kingdoml
Funding	European Space Agency (ESA NAVISP-EL1-023) - 154,460.00 GBP
Description	Earth-Moon Navigation System Study and development of a Highly-sensitive space-borne receiver prototype
Role	Co-Investigator
Title and date	**Study and development of a guidance system for the LAICAnSat project, 2017 – present**
Institution and place	Universidade de Brasília, Brasília, Brazil
Funding	Brazilian Council for Research (Edital CNPq Universal 01/2016) - 30000 Brazilian Reais
Description	Design and realization of a guidance system for the airdropped platform LAICAnSat, consisting in a autonomously steered parafoil for secure landing of the platform
Role	Participant
Title and date	**Multisensory platform for physiological measurements in a suborbital flight, 2015 – 2018**
Institution and place	Universidade de Brasília, Brasília, DF, Brasil
Funding	Brazilian Space Agency (Edital 5AO 2015 Microgravidade AEB)
Description	Realization of a multisensory platform to investigate the variations with the trajectory of the physiological parameters of a passenger during a suborbital flight
Role	Participant
Title and date	**Development of Cansats for remote sensing, 2013 – 2018**
Institution and place	Universidade de Brasília
Funding	Brazilian Council for Research (Edital CNPq Universal 14/2013)
Description	Design and realization of a Cansat platform equipped with cameras in order to perform remote sensing mission.
Role	Responsible for structural design and student advisor
Title and date	**SERPENS, 2013 – 2016**
Institution and place	Universidade de Brasília, Brasília, DF, Brasil
Funding	Brazilian Space Agency
Description	Design, launch and in orbit operation of a 3U CubeSat designed by students and young engineers from 5 Brazilian universities (UnB, UFSC, UFABC, UFMG, IFF). Training Courses. Launch August 2015, Reentry March 2016
Role	Project Manager
Title and date	**Unicubesat GG, 2010 – 2012**
Institution and place	Scuola di Ingegneria Aerospaziale - Sapienza Università di Roma, Roma, Italia
Funding	European Space Agency (Vega maiden flight initiative)
Description	Design and realization of a Cubesat equipped with a powered structural boom in order to study the effects of the gravity gradient over the attitude motion of the satellite. Launch: February 2012
Role	Project Manager
Title and date	**EDUSAT, 2010 – 2012**
Institution and place	Scuola di Ingegneria Aerospaziale - Sapienza Università di Roma, Roma, Italia
Funding	Italian Space Agency
Description	EduSat.it microsatellite design, manufacturing and in orbit operation, EduSat team coordinator. Use of SPIV ground station and MSU ground station. EduSat.it has been designed on behalf of an Italian Space Agency (ASI) project dedicated to high school students. Launch: August 2011

Role	Project Manager
Title and date	**HPH.com, 2010 – 2012**
Institution and place	Scuola di Ingegneria Aerospaziale - Sapienza Università di Roma, Roma, Italia
Funding	European Community FP7
Description	HPH.com microsatellite engineering model design, manufacturing and testing documentation and analyses. The main goal of the HPH.com FP7 project is to board a Helicon Plasma Thruster on a university microsatellite
Position	Responsible of Microsatellite Structural Design, P/L Integration and Testing
Title and date	**GlioLab, 2010 – 2018**
Institution and place	Scuola di Ingegneria Aerospaziale - Sapienza Università di Roma, Roma, Italia
Funding	STS launches financed by NASA and KySpace, Platform and tests financed by GAUSS Srl, MSU, KYSpace, IRCSS
Description	Project main goal is to test Glioblastoma Cancer Cells behavior in orbit using existing platform such as Space Shuttle and International Space Station. The project involves an international group with members from Italy and US. The Gliolab Precursor Missions have been flown into Space Shuttle STS-134 and STS-135 missions.
Role	Project Manager and Principal Investigator, International Team Coordinator
Title and date	**Space Debris, 2007 – 2012**
Institution and place	Scuola di Ingegneria Aerospaziale - Sapienza Università di Roma, Roma, Italia
Funding	Italian Space Agency
Description	Design, manufacturing, management and maintenance of the first Italian (SPADE) and first Italian-Russian (FIRST) observatories completely dedicated to Space Debris optical observations. Optical observations campaigns organization, training courses for graduate students on observation strategies
Role	Responsible of Observations Activities and Training Courses, Responsible of Structural Design and Installation

TECHNOLOGICAL TRANSFER PROJECTS

Title and date	**TUPOD, 2014 – 2018**
Institution and place	GAUSS srl, Roma, Italia
Funding	GAUSS srl
Description	Design, manufacturing and in orbit operation of the TUPOD microsatellite
Role	Project Manager
Title and date	**Development of an attitude determination and control system for the UniSat-7 small satellite, 2015 – present**
Institution and place	GAUSS srl, Roma, Italia
Funding	GAUSS srl
Description	Development of reaction wheels and magnetorquers system for a small satellite
Role	Responsible
Title and date	**UniSat-6, 2012– 2018**
Institution and place	GAUSS srl, Roma, Italia
Funding	GAUSS srl
Description	UniSat-6 microsatellite design, manufacturing and in orbit operation organization and verification. Post-launch activities supervision. Launch: June 2014
Role	Principal Investigator and Launch Activities Coordinator
Title and date	**UniSat-5, 2011–2014**
Institution and place	GAUSS srl, Roma, Italia
Funding	GAUSS srl
Description	UniSat-5 microsatellite design, manufacturing and in orbit operation organization and verification. Post-launch activities supervision. First Launch of PocketQubeSat. Launch: November 2013

Role	Project Manager
Title and date	**GlioSat, 2009 – 2018**
Institution and place	Scuola di Ingegneria Aerospaziale - Sapienza Università di Roma, Roma, Italia
Funding	GAUSS Srl, MSU, KYSpace, IRCSS
Description	The project main goal is to design an autonomous microsatellite to perform biomedical research in space. In particular the P/L considered in GlioSat mission are Glioblastoma Cancer Cells.
Position	Project Manager and Principal Investigator
	PUBLICATIONS
Journal	Silva, R.C.D., Guimarães, F.C., Loiola, J.V.L.D., (...), Battistini, S., Cappelletti, C. (2019). Tabletop Testbed for Attitude Determination and Control of Nanosatellites. Journal of Aerospace Engineering 32(1),04018122
Journal	Cappelletti, C., Battistini, S., Graziani, F. (2018). Small launch platforms for microsatellites. Advances in Space Research,62(12), pp. 3298-3304
Journal	Santilli, G., Vendittozzi, C., Cappelletti, C., Battistini, S., Gessini, P. (2018). CubeSat constellations for disaster management in remote areas. Acta Astronautica 145, pp. 11-17
Journal	Battistini, S., Cappelletti, C., Graziani, F. (2016). Results of the attitude reconstruction for the UniSat-6 microsatellite using in-orbit data. Acta Astronautica, 127, 87-94.
Journal	Figueiro De Oliveira, G., Nehme, P. H. D., Cappelletti, C. (2015). Analysis and Simulation of Attitude Determination and Control for the SERPENS nanosatellite. Advances in the Astronautical Sciences, 153, AAS 14-584
Journal	Carnio, M., Massimiani, C., Piperni, S.G., Zambuzzi, W., Cappelletti, C., Graziani, F. (2015). Space Systems Design for Research on the Interaction of Osteoblast-like Cells and Biomaterials (Hydroxyapatite Particles and Titanium) in Microgravity Environment. Procedia Engineering, 104, 23-28
Journal	Pontani, M., Cappelletti, C. (2013). CubeSat Collision Risk Analysis at Orbital Injection. Advances in the Astronautical Sciences, 148, 3111-3120
Journal	Cappelletti, C. (2012). In Orbit Studies of Glioblastoma Cancer Cells Behaviour: First Results of Gliolab Precursor Missions. Italian Journal of Aerospace Medicine, issue 7
Journal	Cappelletti C., Cappelletti C., Notarangelo A., Graziani F. (2010). GlioSat, A Biomedical Research at Aerospace Engineering School. Italian Journal of Aerospace Medicine, issue 3
Conference Proceedings	Paiano, S., De Aguiar, L.R.C., Carneiro, S., Cappelletti, C., Graziani, F.(2016). Structural dynamic analysis of a nanosatellite launch platform. In 2016 International Astronautical Congress, Guadalajara, Mexico. IAF.
Conference Proceedings	Paris, C., Sindoni, G., Vendittozzi, C., Cappelletti, C., Graziani, F. (2016). FBG optical sensors for environmental tests of microsatellites . In 2016 International Astronautical Congress, Guadalajara, Mexico. IAF.
Conference Proceedings	Santilli, G., Cappelletti, C., Vendittozzi, C., Battistini, S. (2016). Disaster Management of Remote Areas by Constellation of Cubesats. In 2016 International Astronautical Congress, Guadalajara, Mexico. IAF.
Conference Proceedings	Battistini, S., Cappelletti, C., Graziani, F. (2016). An attitude determination and control system for a nano-satellite alternative launch platform. In 2016 International Astronautical Congress, Guadalajara, Mexico. IAF.

Conference Proceedings	Cardoso da Silva, R., Alves Rodrigues, U., Borges, R. A., Sampaio, M., Beghelli, P., Gomes Paes da Costa, S., Popov, B. T., Battistini, S., Cappelletti, C., (2016). A test-bed for attitude and determination control of spacecrafts. Presented at the II IAA Latin American Cubesat Workshop, Florianopolis
Conference Proceedings	Resende Dias, R., Kraus de Castro, A., Borges, R. A., Battistini, S., Cappelletti, C., (2016). LAICAnSat-3: A Mission for Testing a New Electronic and Electronic and Telemetry and Tracking System. Presented at the II IAA Latin American Cubesat Workshop, Florianopolis
Conference Proceedings	Alves, F. S. M., Wernke, A., Pereira, F. C., Gomes, D. H., Lionço, G. S., Franco, C. H., Domingos, L., Back Da Trindade, D., Cappelletti, C., Dias Barcelos, M. N., Battistini, S., Borges, R. A. (2016). Design of the structure and Reentry System for the LAICAnSat-3 platform. Presented at the II IAA Latin American Cubesat Workshop, Florianopolis
Conference Proceedings	Truglio, M., Rodriguez, A.C., Cappelletti, C., Graziani, F. (2015). UNISAT-6: Mission results and lessons learned about an innovative multipurpose micro satellite. In 2015 International Astronautical Congress IAF.
Conference Proceedings	Battistini, S., Cappelletti, C., Graziani, F. (2015). Attitude determination for the UniSat-6 microsatellite. In 2015 International Astronautical Congress IAF.
Conference Proceedings	Rodriguez, A.C., Truglio, M., Graziani, F., Cappelletti, C. (2015). Microsatellites ground operations and best practices from the experience of UNISAT-6. In 2015 International Astronautical Congress IAF.
Conference Proceedings	Cappelletti C., Truglio M., Martinotti G., Graziani F., (2014). UniSat-5: the first microsatellite platform for CubeSat and PocketQubeSat deploying (IAC-14-B4-5-11). In 64th International Astronautical Congress IAF
Conference Proceedings	Nehme, P.H.D., Borges, R.A., Cappelletti, C., Battistini, S., (2014). Development of a meteorology and remote sensing experimental platform: The LAICAnSat-1. In IEEE Aerospace Conference Proceedings, DOI 10.1109/AERO.2014.6836250
Conference Proceedings	Cappelletti C., Graziani F.,(2013). Overview of UniSat-5 mission (IAC-CU-13-01-05). In II IAA Conference on University Satellite Mission
Conference Proceedings	Colafranceschi S., Cappelletti C., Graziani F., Anguma S., Borrelli C., Humbsch K., Nawangwe B., Teofilatto P. (2013). Future satellite missions and educational training about space science in Uganda (IAC-CU-13-01-02). In II IAA Conference on University Satellite Mission
Conference Proceedings	Pontani M., Cappelletti C., Graziani F. (2013). CubeSat Dynamics and Collision Risk Evaluation (IAC-CU-13-08-06). In II IAA Conference on University Satellite Mission
Conference Proceedings	Malphrus, B., Combs, M., Kruth, J., Brown, K., Twiggs, B., Thomas, E., Rose, T., Cappelletti, C., Graziani, F., Schulze, R. and others (2012). University-Based Nanosatellite Missions and Ground Operations at Morehead State University. SpaceOps 2012 Conference Proceedings
Conference Proceedings	Cappelletti C., Notarangelo A., De Moss D. (2012).Study of Glioblastoma Cancer Cells Behaviour Inside Space Shuttle (IAC-12-A1-07-07). In 63rd International Astronautical Congress
Conference Proceedings	Cappelletti C., Di Lauro R. (2012). EduSat Completely Passive Deorbiting System (IAC-12-A6-04-14). In 63rd International Astronautical Congress
Conference Proceedings	Martinotti G., Cappelletti C., Graziani F. (2012). PEPPOD, On board Planted Elementary Platform for Picosatellite Orbital Deploying (IAC-12-B4-05-07). In 63rd International Astronautical Congress

Conference Proceedings	Massimiani C., Cappelletti C., Graziani F. (2012). Low Cost System for Ionizing Radiations Monitoring in Space (IAC-12-A1-04-18). In 63rd International Astronautical Congress
Conference Proceedings	Di Roberto R., Ansalone L., Cappelletti C.(2012). UniSat-5: A Microsatellite for Space Debris Monitoring (IAC-12-A6-01-20). In 63rd International Astronautical Congress
Conference Proceedings	Cappelletti C., Graziani F. (2011). Thermal Control System Design For A University Low Cost Biomedical Payload (IAC-11-A2-07). In 62nd International Astronautical Congress
Conference Proceedings	Cappelletti C., Martinotti G., Graziani F. (2011). Unicubesat: A Test For The Gravity-Gradient Solar Array Boom (IAC-11-B4-6B). In 62nd International Astronautical Congress
Conference Proceedings	Ansalone L., Cappelletti C., Di Roberto R., Curti F., Graziani F. (2011, October). Study On Debris Detection, Identification and Orbit Reconstruction Using Ground and Space Based Telescopes (IAC-11-A6-06-06). In 62nd International Astronautical Congress
Conference	Cappelletti C., Battistini S., Massimiani C., Di Roberto. R., Ridolfi L., Scutti S., Cica R., Martinotti G., Di Lauro R. (2011, April) MRSAT. Presented at the 8th Annual CubeSat Developers Workshop, San Luis Obispo
Conference Proceedings	Cappelletti C., A. Notarangelo, Graziani F., Twiggs R. J. (2010). GlioSat/GlioLab: joint missions to study ionizing radiations effects on cancer cells behavior (IAC-10-A1-04-14). In 61st International Astronautical Congress
Conference	Cappelletti C. Paolillo F. Battistini S. Guarducci F. Ridolfi L. (2010). Alere Flammam, (IAC-10-E1-01-13). In 61st International Astronautical Congress
Conference Proceedings	Paolillo F., Conte A., Cappelletti C., De Petris M. (2010, September). Microsatellite Optical Payload for In-Situ Space Debris Monitoring, (IAC-10-D1-06-01). In 61st International Astronautical Congress
Conference Proceedings	Paolillo F., Laas-Bourez M., Yanagisawa T., Cappelletti C., Graziani F., Vidal B. (2010). Comparison Between ASI, CNES and JAXA CCD Analysis Software for Optical Space Debris Monitoring. In 38th COSPAR Scientific Assembly
Conference Proceedings	Cappelletti C., Twiggs R. J. (2010). GlioLab- A Space System for Glioblastoma Multiforme Cells On Orbit Behavior Study. In 38th COSPAR Scientific Assembly
Conference	Cappelletti C., Paolillo F., Battistini S., Guarducci F., Ridolfi L., Chesi S., Curti F., Graziani F., Teofilatto P. (2010). Unicubesat. Presented at the 7th Annual CubeSat Developers Workshop, San Luis Obispo
Conference	Battistini S., Ridolfi L., Paolillo F., Guarducci F., Cappelletti C., Teofilatto P., Graziani F. (2010). Cubesats at Aerospace Engineering School of Roma: present and future projects. Presented at the 5th International Workshop and Advanced School on Spaceflight Dynamics and Control, Covilhã
Conference Proceedings	Cappelletti C., Cappelletti C., Graziani F., Santoni F. (2009). GlioSat, a university microsatellite for biomedical missions, (IAC-09-A1-04-11). In 60th International Astronautical Congress
Conference Proceedings	Santoni F., Cappelletti C. (2009). Design and Manufacturing of a Test bed for Microsatellite Attitude Determination and Control Ground Testing. In XX AIDAA Congress
Conference Proceedings	Cappelletti C., Paolillo F. (2009). University Microsatellites Equipped with an Optical System for Space Debris Monitoring (IAA-B7-0234P). In 7th IAA Symposium on Small Satellites for Earth Observation ISBN 9783642035005

Conference Proceedings	Piergentili F., Paolillo F., Cappelletti C., Cevolani G., Grassi G., Marti M., Pupillo G.,Trivellone G., Portelli C., Porfilio M., Graziani F. (2009). Italian Activity in Space Debris Measurements. In 5th European Conference on Space Debris
Conference Proceedings	Paolillo F., Guarducci F., Cappelletti C., Ridolfi L., Murrali L. (2008). Microsatellites Formation Flying for optical space debris in orbit observation (IAC-08-E2-03-03). In 59th International Astronautical Congress
Conference Proceedings	Cappelletti C., Paolillo F., Guarducci F., Ridolfi L., Graziani F, Santoni F., Piergentili F., Battagliere M.L. (2008). Microsatellites Formation Flying for In-Situ Space Debris Detection. In 5th International Workshop on Constellations and Formation Flying
Conference	Cappelletti C., Paolillo F., Guarducci F., Ridolfi L., Chesi S., Curti F., Graziani F., Teofilatto P. (2008) From UniSat to UniCubesat. Presented at the 5th Annual CubeSat Developers Workshop, San Luis Obispo
Conference Proceedings	Graziani F., Cappelletti C., Murrali L., Paolillo F., Porfilio M., Marchiori C., Piergentili F. (2007). First results of the Italian Space Debris Observatory. In XIX AIDAA Congress
Conference Proceedings	Murrali L., Paolillo F., Cappelletti C. (2007, September). Design and manufacturing of first Italian Space Debris Observatory. In 58th International Astronautical Congress
Conference Proceedings	Cappelletti C., Battagliere M.L., Piergentili F. ,Santoni F., Graziani F. (2007). A new educational program: astronautics in high school. In 58th International Astronautical Congress
Conference Proceedings	Graziani F., Cappelletti C., Murrali L., Paolillo F., Porfilio M., Piergentili F. (2007). The first Italian observatory for space debris observation. In 58th International Astronautical Congress
	EDITOR
Title and period	Proceedings of II IAA Latin American CubeSat Workshop, 2017
Title and period	Proceedings of I IAA Latin American CubeSat Workshop, 2017
Title and period	Proceedings of III IAA conference on University Satellite Missions and CubeSat Workshop, 2016
Title and period	Proceedings of II IAA conference on University Satellite Missions and CubeSat Workshop, 2013
Title and period	Proceedings of I IAA conference on University Satellite Missions and CubeSat Workshop, 2012

REVIEWER

Title and period	Advances in Space Research, 2012 – present
Title and period	Acta Astronautica, 2012 – present
Title and period	Life Sciences in Space Research, 2014 – present

ORGANIZED CONFERENCES

Title	**III IAA Latin American Cubesat workshop**
Place and date	Ubatuba, Brasil, December 2018
Organization	International Academy of Astronautics
Position	Chairman
Title	**II IAA Latin American Cubesat workshop**
Place and date	Florianopolis, Brasil, February 2016
Organization	International Academy of Astronautics
Position	Chairman
Title	**I IAA Latin American Cubesat workshop**
Place and date	Brasília, Brasil, December 2014
Organization	International Academy of Astronautics
Position	Chairman
Title	**IV IAA Conference on University Satellites Missions and 3rd CubeSat Workshop in Europe**
Place and date	Roma, Italia, December 2017
Organization	International Academy of Astronautics
Position	Member of the Scientific and Organizing Committee
Title	**III IAA Conference on University Satellites Missions and 3rd CubeSat Workshop in Europe**
Place and date	Roma, Italia, November 2015
Organization	International Academy of Astronautics
Position	Member of the Scientific and Organizing Committee
Title	**II IAA Conference on Dynamics and Control of Space Systems**
Place and date	Roma, Italia, March 2014
Organization	International Academy of Astronautics
Position	Member of the Scientific and Organizing Committee
Title	**II IAA Conference on University Satellites Missions and 2nd CubeSat Workshop in Europe**
Place and date	Roma, Italia, January 2013
Organization	International Academy of Astronautics
Position	Member of the Scientific and Organizing Committee
Title	**Space: a laboratory for biomedical research**
Place and date	Fiuggi, Italia, March 2012
Organization	Sapienza Università di Roma
Position	Member of the Scientific and Organizing Committee
Title	**I IAA Conference on University Satellites Missions and 1st CubeSat Workshop in Europe**
Place and date	Roma, Italia, January 2011
Organization	International Academy of Astronautics
Position	Member of the Scientific and Organizing Committee

REFERENCES

Name	Prof. Filippo Graziani
Institution	GAUSS Srl
Contact	
Name	Prof. Robert J. Twiggs
Institution	Space Science Center Morehead State University
Contact	
Name	Prof. Mikhail Ovchinnikov
Institution	Keldysh Institute of Applied Mathematics, Russian Academy of Sciences
Contact	
Name	Prof. Benjamin K. Malphrus
Institution	Space Science Center Morehead State University
Contact	
Name	Dr. Shigeru Imai
Institution	Office for Space Utilization Promotion, Space Development and Utilization Division, Research and Development Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT) - Japan
Contact	