

Short BIO – Silvia Liberata Ullo

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IEEE Senior Member, Industry Liaison for IEEE Joint ComSoc/VTS Italy Chapter since 2018 (<https://iob.boards.comsoc.org/chapter-liaisons/>). National Referent for FIDAPA BPW Italy Science and Technology Task Force (2019-2021). Researcher since 2004 at the University of Sannio, Benevento (Italy). Member of Academic Senate and Ph.D. Professors' Board. Teaching the courses: Principles of Math, Signal theory and elaboration, Telecommunication networks and Optical and radar remote sensing, this latter for Ph.D. students. She has delivered more than 20 keynote/invited talks at an international level. Authored 80+ research papers, co-authored many book chapters and two books. Full list at:

<https://iris.unisannio.it/simple-search?query=Silvia%20Liberata%20Ullo>

<https://www.scopus.com/authid/detail.uri?authorId=6503914067>

<https://orcid.org/0000-0001-6294-0581>

Served as editor of many special issues and moreover, she is:

- Associate Editor of IET Image Processing, Wiley Online, Online ISSN:1751-9667
- Associate Editor of IET Wireless Sensor Systems, IET digital Library, Online ISSN 2043-6394, Print ISSN 2043-6386
- Topical Editor (Topic: Geo-Informatics and Remote Sensing) of the Arabian Journal of Geosciences, Springer, Electronic ISSN 1866-7538, Print ISSN 1866-7511
- Section Editor (Section: Machine learning/radar area) of the journal Recent Advances in Computer Science and Communications (RACSC), Bentham Science, ISSN: 2666-2566 (Online), ISSN: 2666-2558 (Print)

Graduated cum Laude in Electronic Engineering in 1989 at Federico II University, Naples. Awarded with an ITALTEL scholarship, accomplished a Microeconomics Program at Harvard University, in August 1990, and the Master of Science in Management at Massachusetts Institute of Technology (MIT), in 1992 (Cambridge, Massachusetts-USA). She worked with ITALTEL S.p.A. for 8 years as a Research Engineer and Production Manager, and for 4 years with the Benevento Municipality, as Officer at the Data Elaboration Center (CED). She has been a Member of the Board of Directors for the Municipal Transport Society of Benevento for 3 years (1994-1997). Since 2004 Silvia Ullo is a researcher and adjunct professor with the University of Sannio, Benevento (Italy), in the Telecommunications and Remote Sensing group of the Engineering Department. Her research interests mainly deal with signal theory and processing, sensor networks, telecommunication networks, smart grids, remote sensing through wireless and networked sensors, optical and radar remote sensing, machine learning and quantum ML applied to satellite images, radar systems.

She has been the promoter of the Agreement between the University of Sannio and the MAPSAT (Space agency in Benevento), the CSEO (Cyprus Space Exploration Organisation), and the Italian Atlantic Committee e ATA (Atlantic Treaty Association), the DLR (German Space Agency), the ESA (European Space Agency) phi-Lab, and many other institutions and companies to work on joint research projects.

She has been the promoter of the agreement, signed in November 2017, between the University of Sannio and the MIT MISTI-Italy to involve MIT students in research projects at the University of Sannio, and she is the Coordinator of the Program (<https://sites.google.com/view/connecting-mitunisannio/home>).

Moreover, she has promoted the MOUs with many Indian universities, like for instance the GSSS Institute of Engineering Technology for Women in Mysuru, and the East Point College of Engineering and Technology in Bangalore, where she has taught lessons in presence and attended a conference as Guest of Honor in December 2019.

Silvia Ullo has co-organized many national and international conferences as the IEEE MetroAeroSpace Workshop, since 2014, and the first Workshop on Networks and Cyber Security, in Benevento, 2017. She has organized and chaired several special sessions in international conferences as, for instance, "Wireless Sensor Networks and Remote Sensing for Environmental Applications" within the first IEEE International Environmental Engineering Conference held in Milan, March 2018. She has chaired several sessions in IEEE International Geoscience and Remote Sensing Symposium (IGARSS) Conference in 2019, 2020, 2021, and 2022, one of the most important conferences on remote sensing. She has been the Committee Member for the organization of the MIT Sloan Global Women's Conference, held in New York, in 2017 and in 2019.

She is a scientific expert evaluator for MIUR (Italian Ministry of University and Research), MISE (Italian Ministry of Economic Development), many Italian Regions and for the European Commission, of technical and strategic proposals, projects and programs of research and innovation, since 2013.

note: long BIO at

<https://drive.google.com/file/d/19UOEZXRSpWEO0FuA4Y5gHToFDb1XR1U/view?usp=sharing>