Silvia Liberata Ullo

Engineering Department
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IET Image Processing Editor in Chief.
IEEE Senior Member.
IEEE GRSS AdCom Member, Europe Liaison, IADF TC Member.
IEEE AESS Italy Chapter Chair.
IEEE Joint ComSoc/VTS Italy Chapter Industry Liaison.
ESA Phi-Lab Visiting Professor.

Graduated with laude in 1989 in **Electronic Engineering** at the University of Naples (**Italy**).
Pursued in 1992 the **M.Sc. in Management at MIT** (Massachusetts Institute of Technology, USA) after having won an ITALTEL scholarship in 1990. This scholarship was issued yearly by ITALTEL (a national telecommunication company) to pursue a Master of Science in management at MIT Sloan (just one scholarship per year). In the same year, she received the prize "Marisa Bellisario" from the homonymous association as one of the awards assigned to the best female students who graduated in Engineering in Italy. She won for the South of Italy.

Researcher since 2004 at the University of Sannio, Benevento (Italy).
Member of **Academic Senate and PhD Professors' Board**. National Scientific Qualification (ASN) for Associate Professor since 2023.
Courses: *Signal theory and elaboration*, *Telecommunication networks* for bachelor students in Electronic Engineering for Automation and Telecommunications; Probability and Signals for bachelor students in Electronic and Biomedical Engineering; *Earth monitoring and mission analysis Lab* for master students in Electronic Engineering for Automation and Sensing (course in English); and *Optical and radar remote sensing*, for Ph.D. students.
She is supervising and co-supervising 10 PhD students right now.
Editor in Chief for IET Image Processing
Authored 100+ research papers, co-authored many book chapters and served as editor of two books.
Associate Editor of relevant journals (i.e. IEEE TGRS, IEEE JSTARS, IEEE GRSL, IET Image Processing, IET Sensor Networks, Springer Arabian Journal of Geosciences, MDPI Remote Sensing, and Recent Advances in Computer Science and Communications).
Guest Editor of many special issues.
Research interests: signal processing, image processing, remote sensing, satellite data analysis, machine learning and quantum ML applied to remote sensing, radar systems, sensor networks, and smart grids.
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Senior researcher in telecommunications and remote sensing working in the Engineering Department (DING) of the University of Sannio since 2004. She has obtained in 2023 the "Abilitazione Scientifica Nazionale (ASN)" for Associate Professor. She is an elected member of the Academic Senate and member of the Council of Doctoral Lecturers. She has more than 100 publications with a H-index of 25, and i10-index of 43 (Google Scholar source). Full list at: https://iris.unisannio.it/simple-search?query=Silvia%20Liberata%20Ullo Research interests: signal processing, remote sensing, satellite data analysis, machine learning (ML) and Quantum ML applied to remote sensing, radar systems, and sensor networks. Courses: Probability and Signals, Telecommunication networks, Fundamentals of Mathematics for Bachelor students of Engineering; Earth monitoring and mission analysis Lab for master students in Electronics Engineering for Automation and Sensing; Optical and radar remote sensing, for Ph.D. students.

She is supervising at the moment 10 PhD students (as tutor or co-tutor), all working on topics related to AI-based methodologies and models applied to Earth observation and remote sensing for monitoring our planet and related natural and anthropic phenomena.

Graduated with Laude in Electronic Engineering from the University of Naples Federico II in 1989, holds a Master of Science in Management from the Sloan School of MIT (Massachusetts Institute of Technology), USA, achieved in 1992, acquiring in this way scientific but also managerial and financial skills. Long BIO at:

https://drive.google.com/file/d/1lra_OjorxLG2KlgKsi6nCNtXGNUsG6A5/view?usp=sharing

IEEE Senior Member, IEEE AESS Italy Chapter Chair, IEEE GRSS Europe Liaison, IEEE GRSS IADF Technical Committee Member, IEEE Joint ComSoc/VTS Italy Chapter Industry Liaison, National Referent for FIDAPA BPW Italy Science and Technology Task Force (2019-2021).

Editor in Chief of IET Image Processing.

Associate Editor of relevant journals (i.e. IEEE TGRS; IEEE JSTARS, IET Image Processing, IET Sensor Networks, Springer Arabian Journal of Geosciences, MDPI Remote Sensing, and Recent Advances in Computer Science and Communications). Guest Editor of many special issues.

Organization or participation as Speaker in Conferences in Italy or abroad, https://drive.google.com/file/d/1u93BpQSlPPz8KJ2MlrkaaYKgs4CtEh1H/view?usp=sharing

Promoter of Agreements (MOUs) between the University of Sannio and many companies and universities, especially in Turkey, India and the U.S.A.