



Fabio Dell'Acqua

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WORK EXPERIENCE

28/02/2021 – CURRENT Pavia, Italy

FULL PROFESSOR UNIVERSITY OF PAVIA

Research focus on **spaceborne Earth observation** for **agricultural applications**.

Holder of **various university courses on Remote Sensing and Earth Observation**, taught in English at:

- the Electronic Engineering MSc course at the University of Pavia
- the Agrofood BSc course at the University of Pavia
- an inter-university graduate course on Artificial Intelligence

Vice-Director for Third Mission at the Department of Electrical, Computer, Biomedical Engineering, University of Pavia, since October 2018.

Reference professor for the graduate course in **Electronic Engineering**

19/02/2014 – CURRENT Pavia, Italy

CHIEF SCIENTIFIC OFFICER TICINUM AEROSPACE S.R.L.

Scientific advice

Member of the Administration Board.

15/04/2015 – 27/02/2021 Pavia, Italy

ASSOCIATE PROFESSOR UNIVERSITY OF PAVIA

Holder of **three courses on Remote Sensing and Earth Observation**, one undergraduate course taught in Italian, two graduate courses taught in English.

Vice-Director for Third Mission at the Department of Electrical, Computer, Biomedical Engineering, University of Pavia, since October 2018.

Board Member of the **PhD School** in Electronics, Computer Science and Electrical Engineering, University of Pavia

Vice-coordinator of the **PhD School** in Electronics, Computer Science and Electrical Engineering since October 2018.

Erasmus Traineeship delegate for the Electronics Engineering undergraduate and graduate courses, until Dec 2018.

Qualified for full professorship since March 2018

Courses of Remote Sensing taught at:

- the University of Yerevan, **Armenia** (Apr 2017, in English)
- the National University of Cordoba, **Argentina** (June 2017, in Spanish)
- the National Institute of Technology Karnataka, Mangalore, **India** (Nov 2017, in English)

Co-chair of the national assembly of scientists in Telecommunications&Information Theory, and the co-located assembly of scientists in Electromagnetic Fields in Pavia, June 2019.

Representative for the University of Pavia to the **Lombardy Regional Cluster of Aerospace Industry**.

Life member of the **Scientific and Technical Board** of the Cluster.

● EDUCATION AND TRAINING

31/10/1996 – 14/12/1999 Pavia, Italy

PHD IN ELECTRONICS, COMPUTER SCIENCE, ELECTRICAL ENGINEERING University of Pavia

- **Main research topic:** processing of sequences of weather satellite images for identification and short-term prediction of extreme weather phenomena based on modal shape analysis.
- **Secondary research topic:** modal methods of shape analysis for similarity assessment and retrieval in image databases.

Level in EQF EQF level 8

30/09/1990 – 17/07/1996

5-Y "LAUREA" DEGREE, WITH HONOURS

- **5-year degree in electronics engineering**, track on telecommunication and signal processing.
- Final thesis on the development of **a method for shape-based retrieval of images** from an electronic database.

Level in EQF EQF level 7

● ADDITIONAL INFORMATION

PUBLICATIONS

Publications

WOS ResearcherID: [L-5498-2013](#)

Scholar profile: <https://scholar.google.it/citations?user=0rtidbgAAAAJ&hl=en>

ORCID [0000-0002-0044-2998](#)

SCOPUS Author ID: [57196114762](#)

Google Scholar statistics (Aug 2023):

- 328 publications
- 4160 citations
- H = 30

Scopus statistics (Aug 2023):

- 192 publications, of which 73 journal papers
 - 2591 citations
 - H = 24 (excluding self-citations)
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SCIENTIFIC PROJECTS

Scientific Projects (recent ones)

- Italian Space Agency, Project ID 2120 (2010-2011): COSMO/SkyMed and security of citizens: feasibility of a satellite-based damage mapping system. Scientific coordinator
- German Aerospace Agency AO TSX project LAN 1240 (2011-2013): spaceborne-radar-based seismic damage assessment. Scientific coordinator
- FP7 MARSITE (2012-2015): Implementation of the GEO SuperSite Concept on the Marmara Region (Grant agreement n. 308417). Unit coordinator at EUCENTRE.
- FP7 SENSUM (2013-2014): Multi-risk vulnerability monitoring and modeling (Grant agreement no: 312972). Unit coordinator at EUCENTRE.
- H2020 MSCA-RISE "EOXPOSURE" (grant agreement n. 734541). Principal Investigator (2017 - 2021)
- NextGenerationEU "NODES" (Nord-Ovest Digitale E Sostenibile). Innovation and Tech Transfer in Agricultural Remote Sensing. Funded by the Italian Ministry of University and Research – M4C2 1.5, grant agreement no. ECS00000036" (2022-2026)
- NextGenerationEU "NQSTI" (National Quantum Science and Technology Institute). R&D in quantum science and technology. Funded by the Italian Ministry of University and Research – M4C2 1.5, I.D. PE0000023