

# MICHELE BRANCUCCI

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Adjunct Professor

## EDUCATION

- 03.20.2020      **Master's Degree in Methodologies for the Conservation and Restoration of Cultural heritage, University of Genoa**  
Thesis: 'Mineralogical and Chemical Determination of Vergaut through FP-EDXRF, SEM-EDS and  $\mu$ -Raman spectroscopy. Case studies in Ligurian wooden sculptures.'  
Final grade: 110/110 cum laude.
- 07.14.2014      **Bachelor's Degree in Chemistry and Chemical Technologies, University of Genoa**

## ACADEMIC TEACHING EXPERIENCE

- 2023 – present      **Adjunct Professor of Physics and Physical Methodologies for the Conservation of Cultural Heritage** at the Master's Degree in Methodologies for the Conservation and Restoration of Cultural Heritage (LM-11), Department of Earth, Environmental and Life Sciences (DISTAV), University of Genoa
- 2021 – present      **Thesis co-supervisor and external supervisor** for several Master's theses in conservation science and cultural heritage diagnostics, with topics ranging from multispectral analysis of panel paintings to mineralogical-petrographic analyses of Roman plasters.
- 2021 – present      **Lecturer for the School of Specialization in Architectural and Landscape Heritage Protection**, University of Genoa – Applications of XRF and Raman spectroscopy with portable instruments.

## SECONDARY SCHOOL TEACHING EXPERIENCE

- 12.2024 – 06.2025      **Support Teacher, Liceo Artistico E. Luzzati, Chiavari**
- 10.2024 – 06.2025      **Technical-Practical Teacher (ITP) in Chemical and Microbiological Sciences and Technologies Laboratory, IIS Natta De Ambrosis, Sestri Levante**
- 09.2023 – 06.2024      **Support Teacher, IIS C. Rosselli, Genoa**
- 12.2022 – 06-2023      **Mathematics Teacher, IPSIA Attilio Odero, Genoa**
- 12.2020 – 06.2021      **Technical-Practical Teacher (ITP), Nautical Institute S. Giorgio, Genoa and Camogli**

## PROFESSIONAL EXPERIENCE

2014 – present

**Chemist Analyst, GeoSpectra s.r.l. (co-founder and technical director).**  
Responsible for analytical activities with portable instrumentation (FP-EDXRF, Raman) applied to cultural heritage, environmental, and agricultural fields.

## RESEARCH AND PUBLICATIONS

Brancucci, M. (2025). 'Identification of pigments through XRF in the restoration of Pieter Brueghel the Younger's 'Crucifixion' in Castelnuovo Magra.' In: Genova. Edited by the Superintendence of Archaeology, Fine Arts and Landscape.

Nielsen, A., Brancucci, M. (2020). 'Characterization of pollutant deposits: possible relationships between areas of origin and degradation of marble monuments.' In: Monument Future: Decay and Conservation of Stone, Proceedings of the 14th Congress.

Ambrosio, E., Marescotti, P., Brancucci, M., et al. (2019). 'Can the soil geology and chemistry analysis of site predict the geographic origin of wild edible mushrooms (porcini group)?' Acta Mycologia.

Brancucci, M., Capponi, L., Spesso, M. (2019). 'Stone Genoese and Renaissance Gates: Colors and Textures.' Di-segnare – Ambiente Paesaggio Città.

Brancucci, M., et al. (2018). 'The soils of Ligurian DOC vineyards.' In: Geodiversity of Ligurian Vineyards.

## SEMINARS AND CONFERENCES

Speaker at the Agriculture Fair of S. Lucia di Piave (Conegliano Veneto), presenting University of Genoa spin-off activities and the use of X-ray fluorescence in environmental and agricultural contexts (2017–2018).

Speaker at 'Di-segnare, Ambiente-Paesaggio-Città' conferences, presenting research on polychrome stones in Genoese architecture and Genoese Renaissance gates (2016–2018).

Speaker for the Festival of Science Association, presenting research on soil mapping of abandoned mines (2016).

## SKILLS

Languages: Italian (native), English (B2 in progress).

Communication: Strong communication and relational skills acquired through academic, professional, and volunteer experiences.

Organizational: Coordinator of a team of 5 people. Excellent personal and team management skills from work, volunteering, and sports.

Digital: Proficient in MS Office, LibreOffice, iWork, image digitization tools, IT design and analysis, and standard hardware instrumentation.

Driving Licenses: A, B.