


# Camilla Criaco

## CONTACT

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 [LinkedIn Camilla Criaco](#)

I am a PhD student in Chemical Science and Technologies, specializing in metallurgy for cultural heritage. I have an initial background as an archaeologist and later as a conservation scientist in diagnostics for cultural heritage, particularly focusing on copper-based alloy objects. My main research interests currently are focused on metallography, the study of manufacturing techniques, authentication, and reproduction to investigate production processes and promote inclusive and educational musealization.

## EDUCATION

- **2023 – currently**  
**PhD STUDENT, CHEMICAL SCIENCE AND TECHNOLOGIES** – University of Genoa
- **2020-2023**  
**MASTER DEGREE, Methodologies for the conservation and restoration of cultural heritage** -University of Genoa. Thesis title: Metallurgy of Middle Bronze Age Axes: Preliminary Results from the Study of a Hoard Located in Béný-sur-Mer (experimental thesis)
- **2008-2012**  
**BACHELOR DEGREE, Conservation of cultural heritage (archaeological curriculum)** -University of Genoa

## WORK

- **2022-2024**  
**SCIENCE COMMUNICATOR, Festival of Science, Genoa, Italy**
  - Languages of Heritage Sciences from Macro to Micro, organized by CNR and ISPC
  - Color Impressions, organized by CNRSCITEC and ISPC
  - Challenge among metals, organized by Department of Chemistry and Industrial Chemistry, University of GenoaThe main topics of these workshops were diagnostics for cultural heritage through the study of chemistry and physics, the use of specific instruments for compositional, spectroscopic, and microscopy analyses with a particular focus on inorganic materials and metals
- **2021-2023**  
**TUTOR, University of Genoa, Italy**  
Tutor at the School of Mathematical, Physical, and Natural Sciences. My role was to manage a workgroup and organize schedules, handle communications, and interact directly with the Orientation Delegate for the School of Mathematical, Physical, and Natural Sciences, as well as the school committee.
- **2017-2020**  
**STAFF SCIENTIST, University of Genoa, Savona, Italy**  
Study and enhancement of medieval human osteological remains
- **2015-2017**  
**STAFF SCIENTIST, Archaeological Museum Paolo Giovio, Como, Italy**  
Study and enhancement of medieval human osteological remains and ceramic findings

## LANGUAGES

**Native speaker:** Italian

**Other Languages:** English (professional working)

## TECHNICAL SKILLS

**Proficient at:**

- SEM-EDX
- LOM
- p-XRF
- equipment for polishing, embedding, and cutting.