

Mohammad Sharbaf

Tecnologo at the Department of Chemical Engineering Materials Environment - Sapienza University of Rome.

Education

- **Ph.D.** – *Sapienza University of Rome, Earth science department. Thesis topic: New methods for the consolidation of historical gypsum stuccoes and artworks using nanomaterials*
- **M.Sc.** – *Science and Technology for the Conservation of Cultural Heritage, Sapienza University of Rome (2016)*
- **M.Sc.** – *Conservation and Restoration of Cultural Heritage, Art University of Esfahan, Iran (2012)*
- **B.A.** – *Conservation and Restoration of Cultural Heritage, Art University of Esfahan, Iran (2008)*

Research Experience & Grants

- **Research Grant (2019)** – Department of Chemical Engineering, Materials and Environment, Sapienza University of Rome. *Project: Mathematical models validation as provisional tools for the chemical, physical and biological degradation of different cultural heritage materials.*

Research focus on: Application of **nanomaterials** in cultural heritage conservation

Consolidation of **historical gypsum stuccoes and artworks**

Preventive conservation through **mathematical modeling** of degradation processes

Publications & Conferences

- Contributions to conferences in the field of **nanomaterials for conservation** and **cultural heritage science** (details available upon request).

Skills

- **Cultural Heritage Conservation** – specialization in gypsum stuccoes and stone materials
- **Nanomaterials** – synthesis and application for conservation purposes
- **Analytical Techniques** – materials characterization and degradation studies
- **Project Development** – design and implementation of conservation projects with innovative materials