

## Short CV Chiara Fratello

Chiara Fratello obtained her Master's degree in Analytical Chemistry in 2023 at Sapienza, University of Rome with a grade of 110/110 cum laude discussing her thesis entitled "Characterization and evaluation of the algae extract NYMPHA as a new natural consolidant for restoration mortars". She carried out her internship at the Department of Chemistry, at the Department of Earth Sciences and at the Rathgen research laboratory in Berlin (Rathgen Forschungslabor - Staatliche Museen zu Berlin) as part of the Erasmus+Traineeship program. She is currently enrolled in the PhD course in Electrical, Materials and Nanotechnology Engineering and carries out her research activities at CNR-ISMN, within the "Smart and eco-sustainable materials for the long-term and safe protection of concrete heritage – ECOforCONCRETE" project (MUR PRIN2022 2022M4KCKP). Her work is currently focused on the study of sustainable corrosion inhibitors for the protection of reinforced concrete and carrier systems for the preservation of concrete heritage.