



CONSIGLIO NAZIONALE
DEGLI INGEGNERI



In collaboration with:

CONCRETO
ACADEMY

www.concreto-academy.org

ON LINE CONFERENCE IN ENGLISH | FRIDAY, 12 DECEMBER 16.00 - 18.00

Learning from the Field: Concrete Repair and Rehabilitation in Practice

SHORT ABSTRACT

Intervening in a historic concrete structure is a complex and demanding task that requires balancing structural retrofitting needs, preserving original architectural fabric, and meeting current safety codes. This seminar explores the spectrum of intervention techniques available for historic and existing concrete structures, from traditional repair methods to advanced electrochemical treatments. Through a series of targeted case studies, the seminar will illustrate these techniques in practice, comparing their performance, applicability, and limitations. Participants will gain a clearer understanding of how to identify suitable, effective, intervention strategies for long-term conservation of concrete structures.

TOPICS HIGHLIGHTED IN THE LECTURE:

- Understand the challenges and requirements of intervening in historic concrete structures
- Traditional and advanced electrochemical intervention techniques
- Strengthening System for retrofitting

SEMINAR SERIES

This event marks the third in a series of online seminars organized in collaboration with CONCRETO Academy, an Erasmus+ training initiative promoted by the Pier Luigi Nervi Foundation. Professionals operating in technical areas interested in the topics of restoration and rehabilitation of concrete structures are encouraged to take part in the online conference. Engineers currently registered in the Italian Register of Engineers will be awarded 2 CFP.

PROGRAMME:

- The restoration and renovation of the Velasca tower structures and façades
- Advanced Techniques for FRP Strengthening in Concrete Structures
- Practical Application of Electrochemical Techniques in the Repair of Concrete Structures by

INTRODUCTION

Arch. Irene Matteini Scientific Director CONCRETO Academy

Eng. Luca Scappini Consiglio Nazionale degli Ingegneri, Italia

DISCUSSANTS

Ing. Bruno Finzi & Ing. Maxine Finzi of CEAS s.r.l., Milan (Italy)

Ing. Antonio Montalbano SIKA Italia

Ing. PhD Simon Deharo Bluespine France

On line registration/Link iscrizioni: <https://www.formazionecni.it/eventi/25c63565>

The online conference is organized pursuant to art. 4.5.5. of the TU Guidelines for updating the professional competence of the CNI, with accumulation of vocational training certificates valid for a maximum of 9 vocational training courses/year. Engineers regularly registered in the Italian professional register who participate for the entire duration of the event will be awarded **2 CFP**.

Il Convegno on line è stato organizzato ai sensi dell'art 4.5.5. del TU Linee di indirizzo per l'aggiornamento della competenza professionale del CNI, con accumulo di cfp validi per un massimo di 9 cfp/anno. Agli ingegneri regolarmente iscritti all'Albo professionale che parteciperanno all'intera durata dell'evento verranno riconosciuti 2 cfp.

In collaboration with:



FONDAZIONE
CONSIGLIO NAZIONALE INGEGNERI