



05<sup>th</sup>-06<sup>th</sup>
June 2025

## **International Academy**

## MASONRY AND CONCRETE RESTORATION TECHNIQUES WITH COMPOSITE MATERIALS

Auditorium Fibre Net SpA Via Jacopo Stellini 3 - 33050 Pavia di Udine UD - Italy

## 05th MASONRY DAY



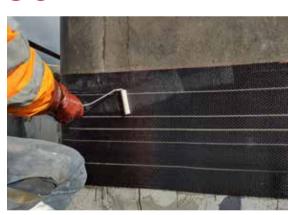




- 09.30 Fibre Net overview and opening remarks
- 09.45 Masonry buildings mechanics, damage analysis and definition of the interventions.

  An overview of principles and practical approaches in restoration of historical and listed buildings.
- 10.30 **Conservation of cultural and built heritage.**Improving the seismic resistance of masonry buildings: concepts and recent developments.
- 11.15 Coffee break
- 11.30 Masonry consolidation and strengthening techniques with composite materials. Part #1 Composite Reinforced Mortar (CRM), Fiber Reinforced Cementitious Matrix (FCRM) and the other systems: design approaches and applications.
- 12.15 Masonry consolidation and strengthening techniques with composite materials. Part #2 Design examples, operational tools & Fibre Net software examples.
- 13.00 Open session of Question & Answers
- 13.30 Light Lunch buffet
- 14.30 Transfer of all guests for a guided site visit of CRM Ri-Struttura system
- 18.30 Transfer to hotel
- 20.00 **Networking Dinner**

## 06th REINFORCED CONCRETE DAY







- 09.00 **Protection and restoration of reinforced concrete structures**Degradation analysis and intervention strategies.
- 09.45 The design and choice of repair and structural consolidation of reinforced concrete, using innovative techniques and materials. Part #1

  From support preparations to FRP strengthening systems: design approaches and applications.
- 10.30 Coffee break
- 10.45 The design and choice of repair and structural consolidation of reinforced concrete, using innovative techniques and materials. Part #2

  Design examples, operational tools & Fibre Net software examples.
- 11.30 Open session of Question & Answers
- 12.00 **Guided Factory tour of production, chemical and mechanical laboratory.**Material acceptance tests, sample preparation, laboratory testing, interpretation and analysis of results.
- 13.00 Transfer of all guests to (Udinese Calcio)
  "Blue Energy" Stadium, Fibre Net partner



- 13.30 Light Lunch buffet and guided visit at the Stadium
- 15.00 Delivery of certificates to the participants and group photos



REGISTRATIONS FOR PARTICIPATION MUST BE RECEIVED BY APRIL 30<sup>TH</sup>, 2025
Please note that places are limited and that registration entitles you to full hotel and convivial hospitality by FIBRE NET during your stay in Udine for the event.

