

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 30th, 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.

