

CA20139

Holistic design of taller timber buildings - HELEN

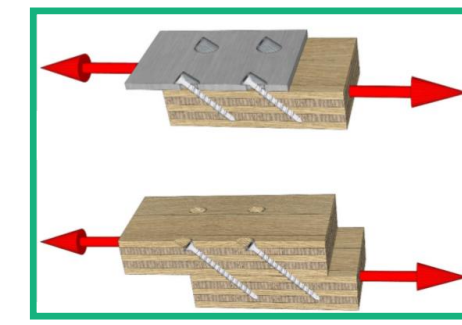
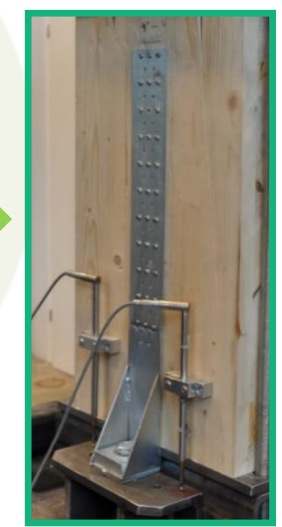
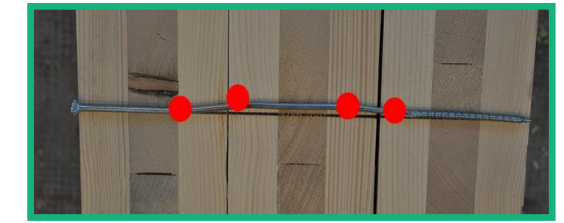
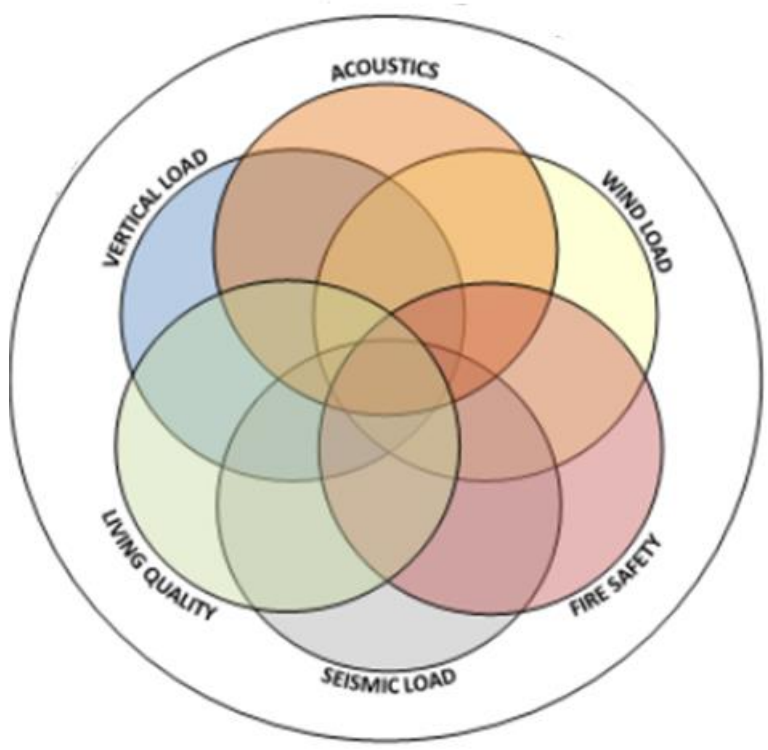
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Holistic design of timber connections



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The course will aim to:

- Offer advance knowledge about the holistic design of timber connections in taller timber buildings;
- Cover different aspects of the design of timber connections through a strong multi-disciplinary approach;
- Identify and suggest new design approaches, processes and technologies that can build and improve upon existing best practices in the development of timber connections

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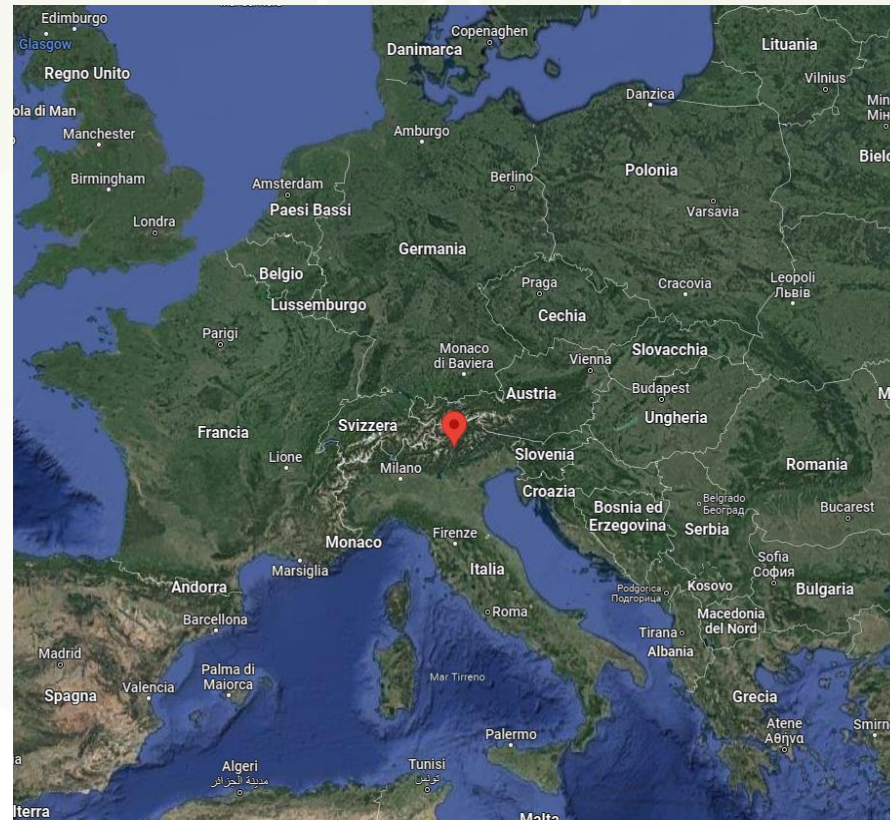
Italian National Research Council



UNIVERSIDADE DE COIMBRA



October, 4th-5th, 2023 in Cortaccia, Italy



Welcome to Trentino Alto Adige!

Local Host
Peter Lang

 rothoblaas

Local Organizer
Daniele Casagrande

 National Research
Council of Italy

Scientific Coordinators
Daniele Casagrande
Robert Jockwer

**Scientific and Organization
support**

Andrea Polastri, WG3 Core Group,
Clarice Clutier

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EUROPEAN COOPERATION
IN SCIENCE & TECHNOLOGY



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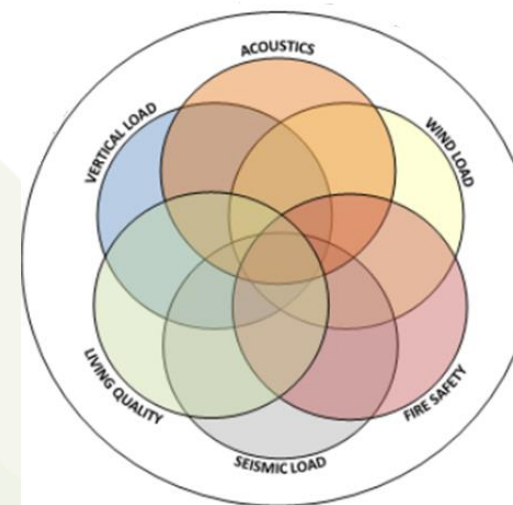
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- 2 full days
 - 16(8+8) hour lectures
 - 11 Speakers
 - 16 Topics
- 50 attendees
 - Ph.D. students, graduate students, academics, researchers, practitioners

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16 Topics

1. Evolution of timber connections
2. Structural design of timber connections - New Eurocode 5
3. Reinforcement and 3D nailing plates
4. CLT connections and screws
5. Brittle failure modes
6. Experimental characterisation of timber connections
7. Glued-in rods
8. Execution, marking and manufacturing
9. Fire design of timber connections
10. Seismic design of timber connections
11. Connections for Robustness
12. Connections for Adaptability, Disassembly and Reuse
13. Blast design of timber connections
14. Durability and Repairing
15. Wind and Vibrations
16. Modelling

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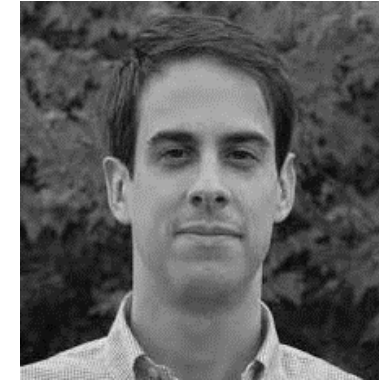
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Speakers

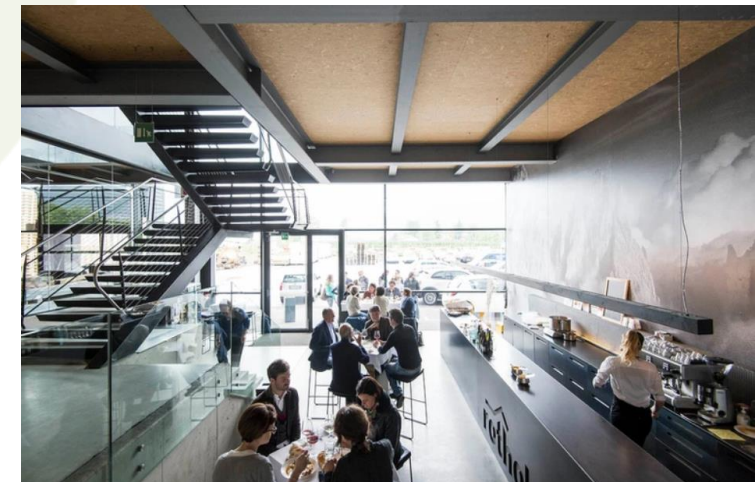


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Venue and Amenities

- Lectures will be held in Room M1 of **Rothoblaas HQ**;
- Lunches and Coffe-breaks will be offered;
- Social Dinner will be organized (paid by the participants);
- Bus transports from the hotel to the venue will be offered;
- Lecture presentations will be distributed in pdf format.



Accommodations

- 50 rooms have been already reserved at **Hotel Erika** in **Salorno** (Italy).
- Special rate is available for participants.
- Participants must confirmed their presence at least 30 days in advance!
- Bus transports from the hotel to the venue will be offered!



How to reach us



BY CAR

From Highway/autostrada del Brennero A22 take Egna/Ora exit and follow SS12 taking then Magrè direction on the right until our Headquarters.

BY TRAIN

Rothoblaas is only 200 meters far from Magrè/Cortaccia station (Trenitalia Verona-Bolzano line)

www.trenitalia.com

BY PLANE

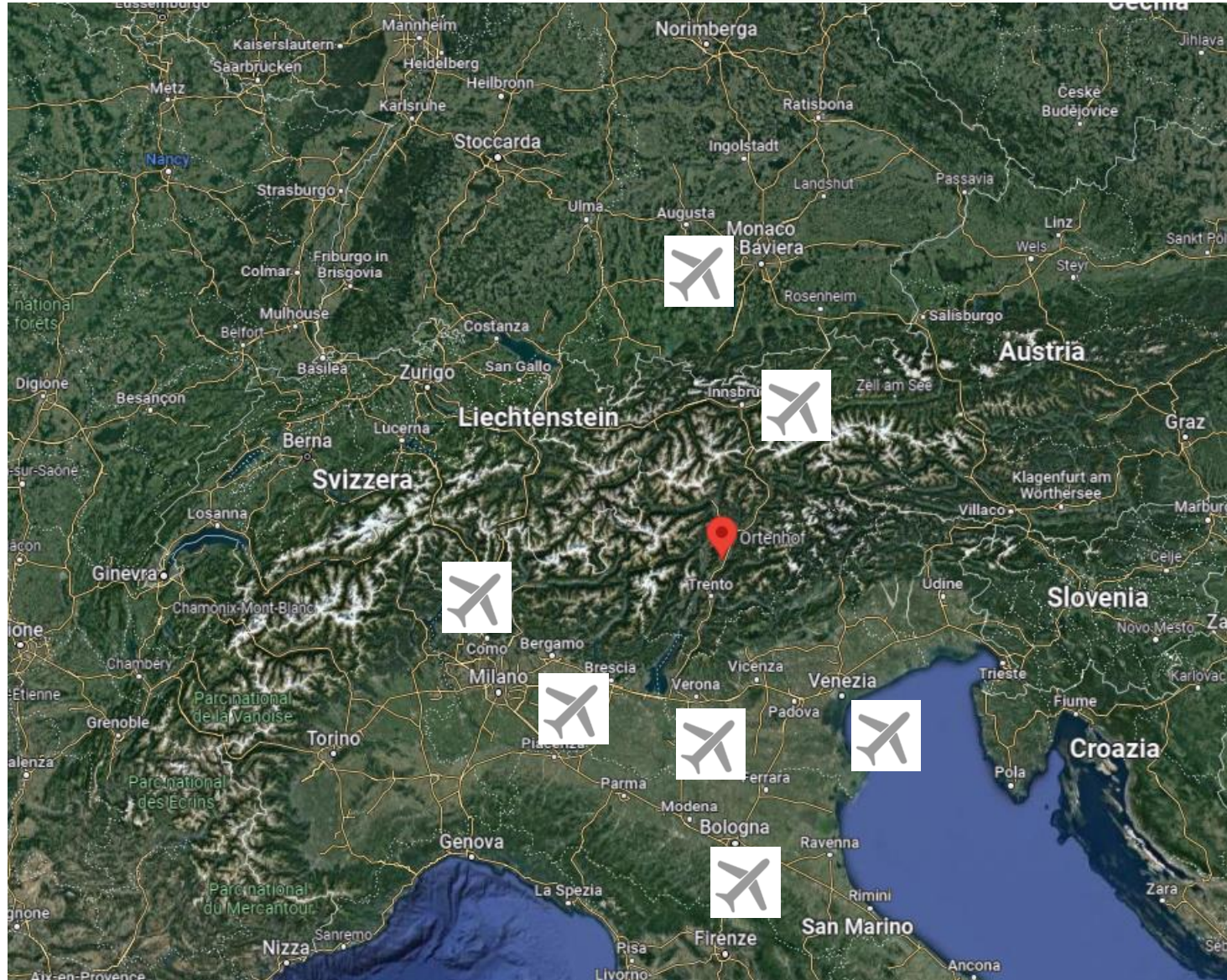
Valerio Catullo Airport – Verona Km 128 | Orio al Serio Airport – Bergamo km 211

Linate Airport - Milan Km 244 | Malpensa Airport – Milan 296 Km | G. Marconi Airport - Bologna km 253 | M. Polo Airport – Venice km 248

Josef Strauss Airport – Munich Km 345

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Airports:

- Verona
- Bergamo
- Bologna
- Milan
- Venice
- Innsbruck (AT)
- Munich (DE)

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Costs and Fundings

- The participation to the Training School is **free**.
- Maximum **50** participants.
- COST will co-fund the travel and accommodation expenses of **30** participants.
- Invitations and Registration via e-Cost
- Pre-registration -> Survey

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Pre-registration

- Pre-registration is mandatory.
- <https://forms.gle/ZpdFiktKWAzM7mMY7>
- For any information, please contact
daniele.casagrande@cnr.it

COST Action HELEN

COST Action CA20139 - 1st Training school
on Holistic design of timber connections

October, 4th-5h, 2023 - Cortaccia, Italy

* Indica una domanda obbligatoria

Email *

Impossibile precompilare l'indirizzo email

First Name *

La tua risposta

Last Name *

La tua risposta

**Looking forward to meeting you
in Trentino-Alto Adige!**

