



Series of Lectures "TIMber Buildings for Environmental Respite"

Fire safety in timber construction

10.09.2024

A2.2.32 | NOI Techpark | via Volta, 13/A Bolzano

PROGRAM

- 08:30-09:00 **Registration**
- 09:00-09:30 **Opening**
Prof. Andrea Gasparella, Dean of the Faculty of Engineering (unibz)
Eng. Eros Mannino, Director of the Central Directorate for Fire Prevention and Technical Safety, Italian Fire Rescue and Service - CNVVF
- 09:30-09:45 **The regulatory framework**
Eng. Arianna Villotti (Director of the Fire Prevention Office at the Civil Protection Agency of the Autonomous Province of Bolzano)
- 09:45-10:00 **Fire resistance in fire safety design**
Eng. Sandro Pustorino (SIS Ingegneria)
- 10:00-10:30 **Fire design challenges in timber buildings**
Prof. Luisa Giuliani (DTU - Technical University of Denmark)
- 10:30-11:00 *Coffee break*
- 11:00-11:30 **Active fire protection of timber structures**
Eng. Luciano Nigro (Director of Jensen Hughes, President of SFPE Italy)
- 11:30-12:00 **Sustainable buildings and fire safety**
Eng. Piergiacomo Cancelliere (Fire Commander, Italian National Fire Rescue and Service - CNVVF)
- 12:00-12:30 **Timber buildings and PV systems: problems and case studies**
Eng. Daniele Alessandrini (Trento Fire Department, Province of Trento)
- 12:30-13:00 **Fire design of timber buildings: case studies**
Eng. Nelson Righetti (GAe Engineering Nord)
- 13:00-14:00 *Lunch break*
- 14:00-14:30 **Master in Fire Safety Engineering**
Prof. Andrea Gasparella (unibz)
- 14:30-17:40 **The experience of local stakeholders** (back page)
- 17:40-18:00 **Closing**



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THE EXPERIENCE OF LOCAL STAKEHOLDERS

Chair: Eng. Piergiacomo Cancelliere

14:30-15:30 Session I

14:30-14:50 **Experience in fire safety design of timber buildings.** Eng. Albino Angeli, CEO at XLAM Dolomiti

14:50-15:10 **CLT in fire.** Niko Kumer, R&D Manager at Stora Enso

15:10-15:30 **Water mist sprinklers in large office areas in mass timber building.** Eng. Massimo Ferretti, Sales Manager at Marioff

15:30-16:00 *Coffee Break*

16:00-17:40 Session II

16:00-16:20 **Details make the difference: experiences and lesson learned.** Eng. Roberto Modena, Senior Project Manager at Rubner

16:20-16:40 **Fire reaction of membranes in wooden structures.** Eng. Alessio Maffeo, Technical Consultant at Rotho Blaas

16:40-17:40 Roundtable

Under the patronage of:



Ordine Ingegneri - Bolzano
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COLLEGIO DEI GEOMETRI E GEOMETRI LAUREATI della provincia di Bolzano
KOLLEGIUM DER GEOMETER UND AKADEMISCHEN GEOMETER der Provinz Bozen



ProRamus

PROJEKT HOLZ SÜDTIROL
PROGETTO LEGNO ALTOADIGE