FORUM HOLZBAU AT XYLEXPO

MANUFACTURING OPERATIONS IN TIMBER CONSTRUCTIONS: EFFICIENT, OPTIMIZED, AUTOMATED

FORUM LEGNO EDILIZIA Xylexpo26

THE PROGRAM

Tuesday, June 9, 2026 - Conference Area, Hall 18

MANUFACTURING OPERATIONS IN TIMBER CONSTRUCTIONS: EFFICIENT, OPTIMIZED, AUTOMATED
Moderator: Giuseppe Mosconi, CQ-Costruire in Qualità (Verona, Italy)

h. 10.50 am Welcome from the organizers

h. 11.00 am "ARTIFICIAL INTELLIGENCE AND TIMBER CONSTRUCTIONS: FROM MATERIAL PROPERTIES TO FABRICATION"
Laura Marsillo, ICD/CA-Insitute for computational design and construction (Stuttgart, Germany)

h. 11.30 am "DIRECT GENERATION OF PRODUCTION CONTROL DATA FROM 3D MODELS IN REAL TIME"
Andrea Pallaver, HSB Italia (Trento, Italy)

h. 12.00 am "NEXT GEN HOUSE: ROBOT-AIDED PRODUCTION"
Stefano Brunelli, Gropyus Technologies (Berlin, Germany)

12.30 am Networking Cafè

h. 12.45 am "ROOF, CEILING AND WALLS: PREFABRICATION IN TIMBER CONSTRUCTION FOR SMALL AND MEDIUM BUSINESSES"
Walter Bauer, Bauer Holzbau (Satteldorf-Gröningen, Germany)

h. 1.15 pm "PREFAB ELEMENTS IN CONSTRUCTION SITE PRACTICE: BENEFITS FOR QUALITY WARRANTY"
Franco Piva, Ergodomus (Pergine Valsugana, Italy)

h. 1.45 pm "COMPLEX STRUCTURES IN TIMBER CONSTRUCTION: PRODUCTION AND INSTALLATION"
Francesco Marroni, LignoAlp - Damiani-Holz&Ko Spa (Brixen, Italy)

h. 2.15 pm Final remarks and conclusion

Attending engineers and surveyors will be entitled to professional education credits (CFP)

Participation is free subject to registration.

For information: Hugo Karre www.forum-legno.com; www.xylexpo.com

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