

I N T E R

INTERNATIONAL NETWORK ON TIMBER ENGINEERING RESEARCH

Ås/Norway
24 August – 27 August 2026

Venue:
Norwegian University of Life Sciences (NMBU)
Campus Ås, Vitenparken
Ås
Norway

Sunday, 23 August

Welcome reception at REALTEK 17:00 - 20:00
Please see website and participant's handbook for precise location:
<https://www.nmbu.no/en/faculties/faculty-science-and-technology/inter-2026>

Monday 24 August

Registration and Opening 08:00 - 09:00
Technical sessions: 09:00 - 13:00
Lunch 13:00 - 14:00
Technical sessions 14:00 - 17:00

Tuesday 25 August

Technical sessions 09:00 - 13:00
Lunch 13:00 - 14:00
Technical sessions 14:00 - 17:00

Social Dinner 19.00 - 23:00

Wednesday 26 August

Technical tour

Thursday 27 August

Technical sessions 09:00 - 13:00
Lunch 13:00 - 14:00
Technical sessions 14:00 - 15:00

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A G E N D A

1 CHAIRMAN'S INTRODUCTION

2 INFORMATION FROM OTHER ORGANISATIONS

3 SERVICEABILITY

- 59-20-1 On vibration serviceability design of mass timber floors according to CSA O86-24 and Eurocode 5 - **C Guo, J Zhou**
- 59-20-2 Improving vibration response prediction of timber floors in EC5 through revised effective modal mass - **M Salehi, A Aloisio, R Tomasi, E Ussher**

4 FRACTURE MECHANICS

- 59-19-1 Design of dovetail connections – A fracture mechanics approach and reliability analysis - **T Claus, N Koch, T Tannert**
- 59-19-2 Finite-element-based design according to Eurocode 5 – Fracture mechanics - **E Serrano, H Danielsson**

5 GLUED JOINTS

- 59-18-1 **withdrawn**

6 FIRE

- 59-16-1 Fire performance of concealed mass timber connections: Experimental evidence for code calibration - **C Dagenais, M Aram, A Salenikovich**
- 59-16-2 Fire design of structural timber under non-standard fire exposure - **C Karannagodage, J Schmid, A Frangi, A Just**

7 STRUCTURAL STABILITY

- 59-15-1 Bracing stiffness requirements of members on discrete elastic supports subjected to compression - Design recommendations for Eurocode 5 - **F M Massaro, H Stamatopoulos**
- 59-15-2 Seismic force modification factors for mid-rise coupled balloon-type CLT shear walls - **K Krauss, M Li, F Lam**
- 59-15-3 Analytical framework for the design of multistorey platform-type CLT shear walls incorporating floor-wall interaction - **M Masroor, D Casagrande, T Tannert, G Doudak**

8 LAMINATED MEMBERS

- 59-12-1 Punching shear design method for point-supported CLT floors - **H Ganjali, M Shahnewaz, T Tannert**
- 59-12-2 Evaluation and modeling of the performance of Hem-fir GLT under weak axis bending - **X Luo, C Zhang, F Lam**
- 59-12-3 Verification of tensile and shear stresses considering direction-dependent size effects in finite element based design - **J Töpler, C Tapia Camù, C Vida, F Vafadar**
- 59-12-4 Reliability-based design of glued laminated timber beams subjected to impact loading - **G Montalbetti, A Vuffray, A S Cao, A Frangi**
- 59-12-5 Development of national standards on evaluation of glulam and timber trusses for reuse – **K C Mahnert, K H Bergset, K Nore, A Svendsen, A Øvrum**

9 LOAD SHARING

- 59-8-1 A contribution to system effects with focus on rigid composites loaded in tension parallel to the grain - **R Brandner**

10 TIMBER JOINTS AND FASTENERS

- 59-7-1 Fatigue behavior of self-tapping timber screws under axial tensile loading - **M Tronnier, M Sieder**
- 59-7-2 Unified design of steel-to-timber connections with profiled nails based on an extended analytical model - **A P Ho, W Seim**
- 59-7-3 Interaction-based extension of the European Yield Model for high-density timber connections - **E Kuck, H J Blass, C Sandhaas**
- 59-7-4 Inconsistency between the load-carrying capacity according to the European yield model and the empirical ultimate slip modulus in EN 1995-1-1 - **A S Cao, C D Aquino, J M Branco, P Palma**
- 59-7-5 Experimental investigation of brittle failure in connections under different load-to-grain angles - **J M Cabrero, N López, P Tanner, C Lara-Sarache**
- 59-7-6 Self-tapping screw reinforcement of dowel connections with slotted-in steel plates in glulam loaded parallel to the grain - **C Gagnon, T Tannert, A Salenikovich**
- 59-7-7 Group effects in the lateral slip modulus of dowelled timber connections – Numerical simulations for design equations - **C D Aquino, M Schweigler, R Lemaître, J M Branco, T K Bader**
- 59-7-8 Mechanical behaviour and design of a hybrid edge connection for cross-laminated timber panels - **T Stieb, R Maderebner, P Dietsch**

11 STRUCTURAL DESIGN CODES

- 59-102-1 Development of combined AS/NZS 1720.1 Timber Structures Standard - **L Ottenhaus, T Wright, J Shanks, D Moroder, B Stankowitz, T Smith, R Nestic**

12 NOTES

13 ANY OTHER BUSINESS

14 VENUE AND PROGRAMME FOR NEXT MEETING

15 CLOSURE