Sunday, 21 August
Informal get-together with music and drinks (Meet & Greet) at the B&O Parkhotel. 17:00 - 20:00

Monday 22 August
Registration and Opening 08:30 - 09:00
Technical sessions: 09:00 - 12:00
Lunch 12:00 - 13:00
Technical sessions 13:00 - 17:00
Guided tour through Wood City buildings at B&O area. 17.30 - 18.30
Welcome Reception with Bavarian brass music at the B&O Parkhotel. 18.30

Tuesday 23 August
Technical sessions 09:00 - 12:00
Lunch 12:00 - 13:00
Technical sessions 13:00 - 17:00
Gala Dinner at B&O 19.00

Wednesday 24 August
Excursion to timber structures and manufacturers in Bavaria and Tirol, Austria. 09:00 - 14:00
Ship departure to Herrenchheimsee Island. Visit to Castle Herrenchheimsee and concert in Augustiner Chorherrenstift. 15:00
Dinner at the castle’s restaurant. 19:00

Thursday 25 August
Technical sessions 09:00 - 12:00
Lunch 12:00 - 13:00
Technical sessions 13:00 - 15:00
I N T E R
INTERNATIONAL NETWORK ON TIMBER ENGINEERING RESEARCH
Bad Aibling, Germany
22 August – 26 August 2022

A G E N D A

1 CHAIRMAN'S INTRODUCTION

2 INFORMATION FROM OTHER ORGANISATIONS

3 STRUCTURAL DESIGN CODES

4 LOADING CODES
55 - 101 - 1 Proposed Design Methodologies for Timber Assemblies Subjected to Blast Loading - G Doudak, C Viau, D Lacroix

5 TEST METHODS
55 - 21 - 1 Contribution to the Testing, Evaluation and Design of Cross Laminated Timber (CLT) in Respect to Rolling Shear - D Glasner, A Ringhofer, R Brandner, G Schickhofer

6 FRACTURE MECHANICS
55 - 19 - 1 Beams with Notches or Slits – Extensions of the Gustafsson approach - E Serrano, R Jockwer, H Danielsson

7 FIRE
55 - 16 - 1 Influence of Temperature Resistance of Bond Lines on Charring of Glulam Beams - A Just, S Aicher, J L Nurk, M Henning
55 - 16 - 2 The Effective Width of Cross-Laminated Timber Rib Panels in Fire - M Kleinhenz, A Frangi, A Just,
55 - 16 - 3 Fire Design Methods for Timber Frame Assemblies – an Improved Model for the Separating Function Method - M Rauch, N Werther, A Just, S Winter
55 - 16 - 4 The Fire Protection of Timber Members using Gypsum Boards - A Just, M Rauch, J Walker, N Werther
8 STRUCTURAL STABILITY

55 - 15 - 1 Multilinear Load-Displacement Relationship of LFT Shear Walls Based on Standards - S Schwendner, W Seim, G D’Arenzo


55 - 15 - 3 Rocking Capacity Model of CLT Walls with Openings and Timber Plasticization - Y De Santis, A Aloisio, M Sciomenta, M Fragiacomo

55 - 15 - 4 Capacity-Based Design of CLT Shear Walls with Hyperelastic Hold Downs - T Tannert, A A Oyawoye, M Popovski

9 TRUSSED RAFTERS

55 - 14 - 1 Design of Timber Trusses with Dowelled Steel-to-Timber Connections - S Schilling, N Manser, P Palma, R Steiger, A Frangi

10 LAMINATED MEMBERS

55 - 12 - 1 Shear Stiffness and Strength of European Ash Glued Laminated Timber - P Palma, R Steiger, T Strahm, E Gehri

55 - 12 - 2 Size Effect of Glulam Made of Oak Wood under Consideration of the Finite Weakest Link Theory - C Tapia, S Aicher

55 - 12 - 3 Size Effect of Large Glued Laminated Timber Beams – Contribution to the Ongoing Discussion - C Vida, M Lukacevic, G Hochreiner, J Füssl

11 TIMBER BEAMS

55 - 10 - 1 Proposed Design Approach for Lateral Stability of Timber Beams - G Doudak, M Mohareb, Yang Du

12 TIMBER JOINTS AND FASTENERS

55 - 7 - 1 Head Pull-Through Properties of Self-Tapping Screws - C Sandhaas, H J Blass

55 - 7 - 2 Performance, Design and Execution of Screwed Steel-Timber End-Grain Connections - M Westermayr, R Brandner, A Ringhofer, U Mahlknecht, J W G van de Kuilen

55 - 7 - 3 Block Shear Model for Axially-Loaded Groups of Screws - U Mahlknecht, R Brandner, A Ringhofer
Brittle Failures of Connections with Self-Tapping Screws on CLT Plates - J M Cabrero, J Niederwestberg, B Azinović, H Danielsson, Ying Hei Chui, T Pazlar, Chun Ni

Low Cycle Ductility of Self-Tapping Screws - M Steilner, H Kunkel, C Sandhaas

Fatigue Behaviour of Notched Connections for Timber-Concrete-Composite Bridges – Failure Modes and Fatigue Verification - S Mönch, U Kuhlmann

Design of Moment Loaded Steel Contact Connections at the Narrow Face and Side Face of CLT Panels - M Schweigler, T K Bader, S Sabaa


In-Plane Buckling of Beech LVL Columns - J Töpler, U Kuhlmann

NOTES

ANY OTHER BUSINESS

VENUE AND PROGRAMME FOR NEXT MEETING

CLOSE