

INTER

INTERNATIONAL NETWORK ON TIMBER ENGINEERING RESEARCH

Kyoto, Japan

28 August – 31 August 2017

Venue:

Kyoto International Conference Center (ICC Kyoto, Kyoto Kokusai-Kaikan), Meeting room: B-2
Takaragaike, Sakyo-ku, Kyoto 606-0001 Japan

Monday 28 August

Registration	08:00 – 09:00
Welcome Address and General Session	09:00 – 10:00
<i>Morning Break (coffee)</i>	<i>10:30 – 11:00</i>
Technical Meeting	11:00 – 12:30
<i>Lunch</i>	<i>12:30 – 13:30</i>
Technical Meeting	13:30 – 15:00
<i>Afternoon Break (coffee)</i>	<i>15:00 – 15:30</i>
Technical Meeting	15:30 – 17:00
<i>Reception</i>	<i>17:00 19:00</i>

Tuesday 29 August

Technical Meeting	09:00 – 10:30
<i>Morning Break (coffee)</i>	<i>10:30 – 11:00</i>
Technical Meeting	11:00 – 12:30
<i>Lunch</i>	<i>12:30 – 13:30</i>
Technical Meeting	13:30 – 15:00
<i>Afternoon Break (coffee)</i>	<i>15:00 – 15:30</i>
Technical Meeting	15:30 – 17:00

Wednesday 30 August

<i>Excursion</i>	<i>08:30 – 17:00</i>
<i>Banquet</i>	<i>19:00 – 21:30</i>

Thursday 31 August

Technical Meeting	09:00 – 10:30
<i>Morning Break (coffee)</i>	<i>10:30 – 11:00</i>
Technical Meeting	11:00 – 12:30
<i>Lunch</i>	<i>12:30 – 13:30</i>
Technical Meeting	13:30 – 15:00
<i>Afternoon Break (coffee)</i>	<i>15:00 – 15:30</i>
Technical Meeting	15:30 – 17:00

I N T E R

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A G E N D A

1 CHAIRMAN'S INTRODUCTION

2 INFORMATION FROM OTHER ORGANISATIONS

3 STRESS GRADING

- 50 - 5 - 1 Assignment of Timber to Bending and Tension Strength Classes - Effects of Calculation Procedures - P Stapel, A Kovryga, J W G van de Kuilen

4 STRESSES FOR SOLID TIMBER

- 50 - 6 - 1 Shear Strength Values for Soft- and Hardwoods - J W G van de Kuilen, W Gard, G Ravenshorst, V Antonelli, A Kovryga

5 TIMBER JOINTS AND FASTENERS

- 50 - 7 - 1 Steel-to-Timber Connections: Failure of Laterally Loaded Dowel-Type Fasteners - H J Blass, C Sandhaas, N Meyer
- 50 - 7 - 2 The Embedment Strength as a System Property - M Yurrita, J M Cabrero
- 50 - 7 - 3 Nailed joints: Investigation on Parameters for Johansen Model - C Sandhaas, R Görlacher
- 50 - 7 - 4 Cyclic Bending Fatigue Properties of Dowel Type Fasteners - K Kobayashi, M Yasumura

6 DURATION OF LOAD

- 50 - 9 - 1 Design Equations to Predict Losses in Post-Tensioned Timber Frames - G Granello, C Leyder, A Palermo, A Frangi, S Pampanin

7 TIMBER BEAMS

- 50 - 10 - 1 Glued Thin-webbed Beams - Amendments to EC 5 for Safe ULS Design - S Aicher, C Stritzke

8 LAMINATED MEMBERS

- 50 - 12 - 1 In-Grade Evaluation of U.S. Glulam Beams, End Joints, and Tension Lamina-tions - B Yeh, J Chen, T Skaggs
- 50 - 12 - 2 In-plane Loaded CLT Beams – Tests and Analysis of Element Lay-up - H Danielsson, E Serrano, M Jelec, V Rajcic
- 50 - 12 - 3 Experimental Investigation on the Mechanical Behavior of Glued Laminated Beams Made from Oak - C Faye, G Legrand, D Reuling, J-D Lanvin
- 50 - 12 - 4 Effective Flange Width of a CLT Slab in Timber Composite Beams - R Masoudnia, A Hashemi, P Quenneville
- 50 - 12 - 5 Improved Design Equations for the Resultant Tensile Forces in Glulam Beams with Holes - C Tapia, S Aicher
- 50 - 12 - 6 Round Holes in Glulam Beams Arranged Eccentrically or in Groups - M Danzer, P Dietsch, S Winter
- 50 - 12 - 7 Two-way Spanning CLT-Concrete-Composite-Slab - S Loebus, P Dietsch, S Winter

9 STRUCTURAL STABILITY

- 50 - 15 - 1 Shake Table Tests on Large-Scale Hybrid Steel Frame and Timber Shear Wall System with Slotted-Bolted Friction Dampers - Hanlin Dong, Zheng Li, Qi Luo, Minjuan He
- 50 - 15 - 2 Dissipative Connections for CLT Shear Walls - T Schmidt, H Blass
- 50 - 15 - 3 Required Seismic Performance of CLT Panel Buildings from Japanese Standard - T Miyake, M Yasumura, N Kawai, H Isoda, M Koshihara, T Tsuchimoto, Y Araki, T Nakagawa
- 50 - 15 - 4 Shaking Table Tests for Verification of Seismic Design of CLT Panel Buildings - H Isoda, N Kawai, T Miyake, M Yasumura, M Koshihara, T Tsuchimoto, Y Araki, T Nakagawa
- 50 - 15 - 5 Capacity Design of CLT Structures with Traditional or Innovative Seismic-Resistant Brackets - R Scotta; D Trutalli; L Marchi, L Pozza, A Ceccotti

50 - 15 - 6 Post-Tensioned CLT Wall Systems with Multiple Rocking Segments -
D Sanscartier Pilon, A Salenikovich, A Palermo, F Sarti

10 FIRE

50 - 16 - 1 Design Parameters for Timber Members Protected by Clay Plaster at
Elevated Temperatures - J Liblik, A Just

50 - 16 - 2 Parametric Fire Design – Zero-Strength-Layers and Charring Rates -
D Brandon, A Just, D Lange, M Tiso

50 - 16 - 3 Zero Strength Layers for Timber Frame Assemblies in a Standard Fire
- M Tiso, A Just, D Brandon

50 - 16 - 4 Improved Fire Resistance of Connected Nail-Plate Trusses - G Glasø,
K Nore, A Sagen

50 - 16 - 5 Protection by Fire Rated Claddings in the Component Additive
Method - K N Mäger, A Just, A Frangi, D Brandon

11 STATISTICS AND DATA ANALYSIS

50 - 17 - 1 Reliability of Large Glulam Members - Part 2: Data for the
Assessment of Partial Safety Factors for the Tensile Strength - M
Frese, S Egner, H J Blaß

12 NOTES

13 ANY OTHER BUSINESS

14 VENUE AND PROGRAMME FOR NEXT MEETING

15 CLOSE