

## Monday 19 June Sessions 1-7



World Conference on  
Timber Engineering  
Oslo 2023

Time	Presenting Author Name	Paper Title	DOI link
<b>Session 1 13:30-15:00</b>			
<b>Moderator: Faggiano, Mrs Beatrice</b>		<b>Room 201</b>	
		<b>Theme: 3.1 Connections</b>	
13.30	Keita Ogawa	EFFECT OF RESIN IMPREGNAITON INTO WOOD CELL ON LATERAL RESISTANCE OF SCREWED JOINT CONNECTING SOLID WOOD AND STEEL PLATE	<a href="https://doi.org/10.52202/069179-0151">https://doi.org/10.52202/069179-0151</a>
13.45	Jan Niederwestberg	PREDICTION OF WITHDRAWAL STIFFNESS OF SELF-TAPPING SCREWS	<a href="https://doi.org/10.52202/069179-0153">https://doi.org/10.52202/069179-0153</a>
14.00	Yewei Ding	RNN-BASED MONOTONIC LOADING BEHAVIOR PREDICTION OF CLT JOINTS	<a href="https://doi.org/10.52202/069179-0154">https://doi.org/10.52202/069179-0154</a>
14.15	Tianxiao Yin	CYCLIC BEHAVIOR OF MORTISE-TENON JOINTS REINFORCED BY SELF-TAPPING SCREW	<a href="https://doi.org/10.52202/069179-0155">https://doi.org/10.52202/069179-0155</a>
14.30	Kjell Arne Malo	SERVICEABILITY STIFFNESS FOR TIMBER CONNECTIONS WITH DOWELS AND SLOTTED-IN STEEL PLATES	<a href="https://doi.org/10.52202/069179-0321">https://doi.org/10.52202/069179-0321</a>
14.45	Michael Schweigler	MOISTURE AND ASSEMBLY HISTORY EFFECTS ON EMBEDMENT PROPERTIES OF STEEL DOWELS IN SPRUCE AND BIRCH LOADED IN GRAIN DIRECTION	<a href="https://doi.org/10.52202/069179-0157">https://doi.org/10.52202/069179-0157</a>
<b>Session 2 13:30-15:00</b>			
<b>Moderator: Tulebekova, Saule</b>		<b>Room 202</b>	
		<b>Theme: 3.2 Fire engineering</b>	
13.30	David Barber	ACCOUNTING FOR POST-PEAK COMPARTMENT TEMPERATURE THERMAL DEGRADATION OF MASS TIMBER	<a href="https://doi.org/10.52202/069179-0235">https://doi.org/10.52202/069179-0235</a>
13.45	Eirik Christensen	PROTECTION AND THERMAL EXPOSURE OF CLT CEILING AND FLOOR SURFACES	<a href="https://doi.org/10.52202/069179-0236">https://doi.org/10.52202/069179-0236</a>
14.00	Miss Lorna Johnson	COMPARATIVE PERFORMANCE OF PROTECTIVE COATINGS FOR MASS TIMBER STRUCTURES	<a href="https://doi.org/10.52202/069179-0237">https://doi.org/10.52202/069179-0237</a>
14.15	Hans-Erik Blomgren	FIRE DESIGN OF GLULAM CONNECTIONS WITH TIMBER-TO-TIMBER BEARING INTERFACES	<a href="https://doi.org/10.52202/069179-0238">https://doi.org/10.52202/069179-0238</a>
14.30	Sam Salem	FIRE RESISTANCE TESTING OF CLT-CONCRETE COMPOSITE FLOOR SLABS WITH STRIP NOTCH SHEAR CONNECTIONS	<a href="https://doi.org/10.52202/069179-0239">https://doi.org/10.52202/069179-0239</a>
14.45	Sam Salem	FIRE RESISTANCE TESTING OF CLT-CONCRETE COMPOSITE FLOOR SLABS UTILIZING GLUED-IN STEEL PLATES AS SHEAR CONNECTORS	<a href="https://doi.org/10.52202/069179-0240">https://doi.org/10.52202/069179-0240</a>
<b>Session 3 13:30-15:00</b>			
<b>Moderator: Cepelka, M.Sc., Martin</b>		<b>Room 203</b>	
		<b>Theme: 3.5 Structural modelling, analysis &amp; design</b>	
13.30	Jan Pelczyński	MODELLING OF OSB SANDWICH PANELS WITH ORIGAMI-INSPIRED CORE	<a href="https://doi.org/10.52202/069179-0320">https://doi.org/10.52202/069179-0320</a>
13.45	Boris Azinovic	INNOCROSSLAM – ADDING KNOWLEDGE TOWARDS INCREASED USE OF CROSS LAMINATED TIMBER (CLT)	<a href="https://doi.org/10.52202/069179-0321">https://doi.org/10.52202/069179-0321</a>
14.00	Alen Malagic	REINFORCED NOTCHED CROSS-LAMINATED TIMBER PLATES: LOAD-BEARING CAPACITY AND METHODOLOGY FOR PREDICTING THE FORCE IN REINFORCEMENT	<a href="https://doi.org/10.52202/069179-0322">https://doi.org/10.52202/069179-0322</a>
14.15	Sig. Giuseppe D'Arenzo	ANALYSIS OF DIFFERENT NUMERICAL MODELLING STRATEGIES OF CLT MULTI-STOREY SHEAR WALLS	<a href="https://doi.org/10.52202/069179-0323">https://doi.org/10.52202/069179-0323</a>
14.30	Mahboobeh Fakhrazari	IN-PLANE DEFLECTION OF CROSS-LAMINATED TIMBER DIAPHRAGM	<a href="https://doi.org/10.52202/069179-0324">https://doi.org/10.52202/069179-0324</a>
14.45	Alessandro Mazelli	EVALUATION OF THE BEHAVIOUR FACTOR BY INCREMENTAL DYNAMIC ANALYSES FOR THE SEISMIC DESIGN OF LIGHT FRAME TIMBER BUILDINGS	<a href="https://doi.org/10.52202/069179-0325">https://doi.org/10.52202/069179-0325</a>
<b>Session 4 13:39-15:00</b>			
<b>Moderator: O'Ceallaigh, Dr Conan</b>		<b>Room 104</b>	
		<b>Theme: 1.1 Structural performance of materials</b>	
13.30	Edward Bolte	WOOD AND STEEL VISCOELASTIC DAMPERS: SHORT AND LONG-TERM PERFORMANCE	<a href="https://doi.org/10.52202/069179-0067">https://doi.org/10.52202/069179-0067</a>
13.45	Edward Bolte	COMPARISON OF THE STRUCTURAL CAPACITY OF SHEAR WALLS SHEATHED WITH ORIENTED STRAND BOARD AND CELLULOSIC FIBER BOARD SUBJECTED TO CYCLIC LOADING	<a href="https://doi.org/10.52202/069179-0001">https://doi.org/10.52202/069179-0001</a>
14.00	David Dinehart	NUMERICAL AND EXPERIMENTAL EVALUATION OF WOOD NAILER OPEN WEB STEEL JOISTS	<a href="https://doi.org/10.52202/069179-0003">https://doi.org/10.52202/069179-0003</a>
14.15	Morten Voss	LOW-TEMPERATURE BONDING OF TIMBER STRUCTURES	<a href="https://doi.org/10.52202/069179-0046">https://doi.org/10.52202/069179-0046</a>
14.30	Aamir Khokhar	STRUCTURAL PERFORMANCE, AND FAILURE MECHANISM, OF HARDWOOD CROSS LAMINATED TIMBER CONCRETE COMPOSITE UNDER SHEAR LOAD	<a href="https://doi.org/10.52202/069179-0006">https://doi.org/10.52202/069179-0006</a>
14.45	Nicole Wight	GLUED-LAMINATED TIMBER UNDER EXTREME COLD TEMPERATURES SUBJECTED TO IMPACT LOADING	<a href="https://doi.org/10.52202/069179-0041">https://doi.org/10.52202/069179-0041</a>
<b>Session 5 13:30-15:00</b>			
<b>Moderator: Godonou, Patrice</b>		<b>Room 105</b>	
		<b>Theme: 5.1 Best practice examples</b>	
13.30	Jens Frohnmüller	ADHESIVELY BONDED TIMBER-CONCRETE COMPOSITE CONSTRUCTION METHOD (ATCC) – PILOT APPLICATION IN A SCHOOL BUILDING IN GERMANY	<a href="https://doi.org/10.52202/069179-0542">https://doi.org/10.52202/069179-0542</a>
13.45	Jacopo Zanni	APPLICATION OF A WOODEN PREFABRICATED SHELL EXOSKELETON FOR THE INTEGRATED AND SUSTAINABLE RETROFIT OF A RESIDENTIAL BUILDING	<a href="https://doi.org/10.52202/069179-0543">https://doi.org/10.52202/069179-0543</a>
14.00	Alain Bradette	BUILDING WITH WOOD STRUCTURES – SUCCESDESIGN PROCESS	<a href="https://doi.org/10.52202/069179-0544">https://doi.org/10.52202/069179-0544</a>
14.15	Eduardo Rojas Briaies	CAN RISING DEMAND FOR TIMBER IN CONSTRUCTION ACCELERATE DEFORESTATION?	<a href="https://doi.org/10.52202/069179-0545">https://doi.org/10.52202/069179-0545</a>
14.30	Harald Liven	MJØSTÅRNET: THE WORLD'S TALLEST TIMBER BUILDING	<a href="https://doi.org/10.52202/069179-0547">https://doi.org/10.52202/069179-0547</a>
14.45	Marcus Strang	VALIDATING MOISTURE-SAFE ENERGY EFFICIENT CLT ASSEMBLIES IN HOT AND HUMID CLIMATES USING EXPERIMENTAL TESTING	<a href="https://doi.org/10.52202/069179-0577">https://doi.org/10.52202/069179-0577</a>
<b>Session 6 13:30-15:00</b>			
<b>Moderator: Groba, Ute</b>		<b>Room 106</b>	
		<b>Theme: 4.1 Architectural potential of new wooden materials &amp; technologies</b>	
13.30	Laurane Néron	BENDING OF CLT BY THE LATTICE HINGE METHOD	<a href="https://doi.org/10.52202/069179-0481">https://doi.org/10.52202/069179-0481</a>
13.45	Victor Fréchal	STRATOCONCEPTION®, AN ADDITIVE MANUFACTURING PROCESS FOR TIMBER ARCHITECTURE: CHALLENGES AND OPPORTUNITIES	<a href="https://doi.org/10.52202/069179-0482">https://doi.org/10.52202/069179-0482</a>
14.00	Matthias Arnold	HYPERBOLIC PARABOLOID SHELLS MADE OF DIAGONAL LAMINATED TIMBER ELEMENTS	<a href="https://doi.org/10.52202/069179-0483">https://doi.org/10.52202/069179-0483</a>
14.15	Judith Sheine	MASS TIMBER PANELIZED WORKFORCE HOUSING IN OREGON, U.S.	<a href="https://doi.org/10.52202/069179-0484">https://doi.org/10.52202/069179-0484</a>
14.30	Payton Narancic	UTILIZING LOW-VALUE WOOD SPECIES FROM FOREST RESTORATION PROJECTS IN LOCAL CLT MANUFACTURE AND DESIGN	<a href="https://doi.org/10.52202/069179-0485">https://doi.org/10.52202/069179-0485</a>
14.45	Roberto Lecomte De Mello	SPECIAL SIZED TIMBER POLES AS MAIN STRUCTURAL MATERIAL IN TWO SPORTS GYAND A WINERY – BRAZIL	<a href="https://doi.org/10.52202/069179-0489">https://doi.org/10.52202/069179-0489</a>
<b>Session 7 13:30-15:00</b>			
<b>Moderator: Moutou Pitti, Rostand</b>		<b>Room 107</b>	
		<b>Theme: 3.8 Mixed, composite &amp; hybrid structures</b>	
13.30	Elf Appavuravther Sumichrast	BENDING TESTS ON TIMBER CONCRETE COMPOSITES WITH PERFOBOND CONNECTIONS	<a href="https://doi.org/10.52202/069179-0410">https://doi.org/10.52202/069179-0410</a>
13.45	Craig Cowled	MECHANICAL BEHAVIOUR OF TIMBER-STEEL COMPOSITE CONNECTION SYSTEMS	<a href="https://doi.org/10.52202/069179-0414">https://doi.org/10.52202/069179-0414</a>
14.00	Feiyang Xu	FINITE ELEMENT ANALYSIS OF BUCKLING BEHAVIOR OF TIMBER ENCASED STEEL COMPOSITE COLUMNS SUBJECTED TO AXIAL LOAD	<a href="https://doi.org/10.52202/069179-0417">https://doi.org/10.52202/069179-0417</a>
14.15	Viktória Bajzeczová	THE ADHESIVE SHEAR CONNECTION OF TIMBER AND CONCRETE SLABS IN HUMID ENVIRONMENT	<a href="https://doi.org/10.52202/069179-0419">https://doi.org/10.52202/069179-0419</a>
14.30	Francesco Boggian	CYCLIC TESTS ON AN INNOVATIVE FRICTION DISSIPATIVE DEVICE FOR SEISMIC RETROFIT WITH CLT PANELS	<a href="https://doi.org/10.52202/069179-0420">https://doi.org/10.52202/069179-0420</a>
14.45	Daniel Chapman	PREFABRICATED TIMBER CONCRETE COMPOSITES	<a href="https://doi.org/10.52202/069179-0403">https://doi.org/10.52202/069179-0403</a>

## Monday 19 June Sessions 8-14



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Time	Presenting Author Name	Paper Title	DOI link
<b>Session 8 15:30-17:00</b>			
<b>Moderator: Ussher, Dr. Ebenezer</b>		<b>Room 201</b>	
		<b>Theme: 3.1 Connections</b>	
15.30	Lars Blomqvist	EXPERIMENTAL AND NUMERICAL ANALYSES OF A CONNECTION FOR CLT STRUCTURES	<a href="https://doi.org/10.52202/069179-0158">https://doi.org/10.52202/069179-0158</a>
15.45	Lei Zhang	ROBUSTNESS OF ADHESIVELY BONDED PANEL-TO-PANEL CONNECTIONS IN CLT FLOORS	<a href="https://doi.org/10.52202/069179-0159">https://doi.org/10.52202/069179-0159</a>
16.00	Lea Buchholz	EXPERIMENTAL INVESTIGATIONS ON THE STIFFNESS OF STEEL-TIMBER DOWEL-TYPE CONNECTIONS IN BEECH LVL	<a href="https://doi.org/10.52202/069179-0160">https://doi.org/10.52202/069179-0160</a>
16.15	Zoe Baird	SEISMIC PERFORMANCE OF BOLTED GLULAM TIMBER BRACE CONNECTIONS WITH INTERNAL STEEL PLATES	<a href="https://doi.org/10.52202/069179-0161">https://doi.org/10.52202/069179-0161</a>
16.30	Masaki Maeda	DEVELOPMENT OF A NOVEL JOINT SYSTEM FOR MID-TO-HIGH-RISE CLT WALL BUILDINGS IN SEISMIC REGIONS	<a href="https://doi.org/10.52202/069179-0162">https://doi.org/10.52202/069179-0162</a>
16.45	Miss Zhengyao Li	A NOVEL LIMITED-DAMAGE 3D-PRINTED INTERLOCKING INTERMODULE CONNECTION SYSTEM FOR CROSS LAMINATED TIMBER (CLT) VOLUMETRIC STRUCTURES	<a href="https://doi.org/10.52202/069179-0163">https://doi.org/10.52202/069179-0163</a>
<b>Session 9 15:30-17:00</b>			
<b>Moderator: Hasburgh, Laura</b>		<b>Room 202</b>	
		<b>Theme: 3.2 Fire engineering</b>	
15.30	Sam Salem	FIRE RESISTANCE TESTING OF CLT-CONCRETE COMPOSITE FLOOR SLABS WITH STRIP NOTCH SHEAR CONNECTIONS	<a href="https://doi.org/10.52202/069179-0239">https://doi.org/10.52202/069179-0239</a>
15.45	Harald Krenn	IMPLICATIONS OF A DOWN-STAND BEAM ON THE CEILING FLAME EXTENSION CHARACTERISTICS IN A LARGE-SCALE CLT ENCLOSURE FIRE EXPERIMENT	<a href="https://doi.org/10.52202/069179-0242">https://doi.org/10.52202/069179-0242</a>
16.00	Siyimane Mohaine	PERFORMANCE OF PASSIVE PROTECTION LAYOUTS UNDER STANDARD AND NATURAL FIRE TESTS	<a href="https://doi.org/10.52202/069179-0243">https://doi.org/10.52202/069179-0243</a>
16.15	Jean Marc Franssen	NATURAL FIRE TESTS ON GLT COLUMNS INCLUDING THE COOLING DOWN PHASE	<a href="https://doi.org/10.52202/069179-0244">https://doi.org/10.52202/069179-0244</a>
16.30	Paul Horne	ANALYTICAL MODELLING OF POST-TENSIONED TIMBER BEAM-COLUMN CONNECTIONS IN FIRE	<a href="https://doi.org/10.52202/069179-0207">https://doi.org/10.52202/069179-0207</a>
16.45	Rafik Nizarali	MECHANICAL PERFORMANCE AT ELEVATED TEMPERATURES OF NON-METALLIC DOWELS FOR MASS TIMBER STRUCTURES	<a href="https://doi.org/10.52202/069179-0208">https://doi.org/10.52202/069179-0208</a>
<b>Session 10 15:30-17:00</b>			
<b>Moderator: Johansson, Marie</b>		<b>Room 203</b>	
		<b>Theme: 3.4 Cyclic loading, earthquakes &amp; fatigue, 3.5 Structural modelling, analysis &amp; design</b>	
15.30	Giacomo Iovane	MONOTONIC TESTS ON BEAM-TO-COLUMN JOINT WITH STEEL LINK FOR TIMBER SEISMIC RESISTANT STRUCTURES	<a href="https://doi.org/10.52202/069179-0288">https://doi.org/10.52202/069179-0288</a>
15.45	Giuseppe D'Arenzo	INVESTIGATING THE EFFECTS OF THE INTERACTIONS BETWEEN FLOOR DIAPHRAGM AND SEGMENTED CROSS-LAMINATED TIMBER SHEAR WALLS	<a href="https://doi.org/10.52202/069179-0327">https://doi.org/10.52202/069179-0327</a>
16.00	Riccardo Fanti	EXPERIMENTAL CHARACTERIZATION OF STIFF ALUMINIUM CONNECTORS FOR MULTI-PANEL CLT SHEAR-WALLS	<a href="https://doi.org/10.52202/069179-0328">https://doi.org/10.52202/069179-0328</a>
16.15	Lin Zheng	EVALUATION OF THE STRUCTURAL PERFORMANCE OF SHEAR WALLS BUILT BY MULTI-LAYER COMPOSITE LAMINATED PANELS	<a href="https://doi.org/10.52202/069179-0332">https://doi.org/10.52202/069179-0332</a>
16.30	Luca Pozza	MODAL IDENTIFICATION AND MODEL UPDATING OF AN INNOVATIVE AUTOMATIC SELF-SUPPORTING TIMBER WAREHOUSE: THE CASE STUDY OF ROTHOBLAAS HEADQUARTERS EXPANSION	<a href="https://doi.org/10.52202/069179-0331">https://doi.org/10.52202/069179-0331</a>
<b>Session 11 15:30-17:00</b>			
<b>Moderator: Hradil, Peter</b>		<b>Room 104</b>	
		<b>Theme: 1.1 Structural performance of materials</b>	
15.30	Tomas Bravo Tetlak	SCALING STUDY ON VISCOUS DAMPING FOR GLULAM AND HYBRID GLULAM-FRP BEAMS	<a href="https://doi.org/10.52202/069179-0007">https://doi.org/10.52202/069179-0007</a>
15.45	Mahmoud Hammad	EXPERIMENTAL AND FINITE ELEMENT MODELLING (FEM) OF TIMBER-TIMBER COMPOSITE (TTC) UNDER HOGGING MOMENT	<a href="https://doi.org/10.52202/069179-0008">https://doi.org/10.52202/069179-0008</a>
16.00	Eric Kjolsing	QUASI-STATIC OUT-OF-PLANE TESTING OF REINFORCED CROSS-LAMINATED TIMBER	<a href="https://doi.org/10.52202/069179-0009">https://doi.org/10.52202/069179-0009</a>
16.15	Ryutaro Sudo	COMPARISON OF THE DEGREE OF INFLUENCE OF VARIOUS CONDITIONS ON THE BEARING CAPACITY OF WOOD-BASED PANELS	<a href="https://doi.org/10.52202/069179-0036">https://doi.org/10.52202/069179-0036</a>
16.30	Marco Lo Ricco	BALLISTIC TESTING OF CROSS-LAMINATED TIMBER LAYUPS TO FURTHER DEVELOP PROTECTIVE PANELS	<a href="https://doi.org/10.52202/069179-0010">https://doi.org/10.52202/069179-0010</a>
16.45	Mehdi Nikoo	PREDICTING MODULUS OF RUPTURE OF HEAT-TREATED WOODS BY ARTIFICIAL NEURAL NETWORK COMBINED With GENETIC ALGORITHM	<a href="https://doi.org/10.52202/069179-0011">https://doi.org/10.52202/069179-0011</a>
<b>Session 12 15:30-17:00</b>			
<b>Moderator: Ljungdahl, Jonas</b>		<b>Room 105</b>	
		<b>Theme: 5.2 Case studies and visions</b>	
15.30	Kazuki Tsuda	A WORKABILITY AND SUSTAINABILITY ASSESSMENT OF MULTI-STOREY EARTHQUAKE-RESISTANT TIMBER BUILDING	<a href="https://doi.org/10.52202/069179-0558">https://doi.org/10.52202/069179-0558</a>
15.45	Camilla Schlyter	COMPUTATIONAL DESIGN DEVELOPMENT OF WOODEN FAÇADE SYSTEM	<a href="https://doi.org/10.52202/069179-0559">https://doi.org/10.52202/069179-0559</a>
16.00	Charline Lefèvre	STUDY CASE: REFURBISHMENT OF THE GARE MARITIME IN BRUSSELS	<a href="https://doi.org/10.52202/069179-0560">https://doi.org/10.52202/069179-0560</a>
16.15	Laurent Giampellegrini	WIDE-SPAN LVL ROOF STRUCTURE FOR AN INDOOR SWIMMING POOL	<a href="https://doi.org/10.52202/069179-0561">https://doi.org/10.52202/069179-0561</a>
16.30	Laurent Giampellegrini	DESIGN OF A TALL MASS TIMBER TOWER FOR OCCUPANT COMFORT UNDER WIND-INDUCED ACCELERATIONS	<a href="https://doi.org/10.52202/069179-0562">https://doi.org/10.52202/069179-0562</a>
16.45	Caya Zernicke	WEB-GIS-TOOL: ESTIMATION OF GREENHOUSE GAS SAVINGS DUE TIMBER USE IN THE URBAN BUILT ENVIRONMENT	<a href="https://doi.org/10.52202/069179-0521">https://doi.org/10.52202/069179-0521</a>
<b>Session 13 15:30-17:00</b>			
<b>Moderator: Ott, Stephan</b>		<b>Room 106</b>	
		<b>Theme: 4.2 Integration of parametric architectural design &amp; CNC manufacturing</b>	
15.30	Wolfgang Schwarzmann	CARPENTER AND ROBOT, HOW TO BENEFIT FROM THE KNOWLEDGE OF CRAFTSMEN AND THE STRENGTH OF ROBOTS	<a href="https://doi.org/10.52202/069179-0492">https://doi.org/10.52202/069179-0492</a>
15.45	Gee Heon Kim	A BIM-BASED MODULE DESIGN METHODOLOGY FOR THE ROOF PLANNING OF MODERNIZED KOREAN TRADITIONAL WOODEN BUILDINGS	<a href="https://doi.org/10.52202/069179-0493">https://doi.org/10.52202/069179-0493</a>
16.00	Human John Haddad Mork	STEPS TOWARDS A UNIVERSAL SCHEME FOR PARAMETRIC DETAILING OF COMPOUND TIMBER STRUCTURES	<a href="https://doi.org/10.52202/069179-0494">https://doi.org/10.52202/069179-0494</a>
16.15	Riccardo Pinotti	HYGRO-THERMAL EXPERIMENTAL ANALYSIS OF A FLAT ROOF STRUCTURE INTEGRATING A VARIABLE VAPOR-DIFFUSIVITY MEMBRANE	<a href="https://doi.org/10.52202/069179-0496">https://doi.org/10.52202/069179-0496</a>
16.30	Sebastian Svensson Meulmann	OUTDOOR PANELS FROM NORWAY SPRUCE – THE EFFECT OF COATING COLOUR ON THE TEMPERATURE	<a href="https://doi.org/10.52202/069179-0498">https://doi.org/10.52202/069179-0498</a>
16.45	Dimitrios Kraniotis	HYGROTHERMAL PERFORMANCE OF NATURE-BASED INSULATION MATERIALS INTEGRATED IN TIMBER-BASED WALL SYSTEMS	<a href="https://doi.org/10.52202/069179-0499">https://doi.org/10.52202/069179-0499</a>
<b>Session 14 15:30-17:00</b>			
<b>Moderator: Nesheim, Sveinung</b>		<b>Room 107</b>	
		<b>Theme: 3.8 Mixed, composite &amp; hybrid structures</b>	
15.30	Matthias Fuchslin	PUSH-OUT TESTS OF WET-PROCESS ADHESIVE-BONDED BEECH TIMBER-CONCRETE AND TIMBER-POLYMER-CONCRETE COMPOSITE CONNECTIONS	<a href="https://doi.org/10.52202/069179-0422">https://doi.org/10.52202/069179-0422</a>
15.45	Cristiano Loss	SEISMIC FRAGILITY OF A NEW MASS TIMBER-STEEL HYBRID BUILDING SYSTEM EQUIPPED WITH CLT FLOOR DIAPHRAGMS	<a href="https://doi.org/10.52202/069179-0423">https://doi.org/10.52202/069179-0423</a>
16.00	Simon Aurand	STRUCTURAL BEHAVIOR OF TIMBER-STEEL-JOINTS WITH EITHER DOWEL-TYPE FASTENERS OR CONTINUOUS JOINTS	<a href="https://doi.org/10.52202/069179-0424">https://doi.org/10.52202/069179-0424</a>
16.15	Simon Aicher	SEMI-INTEGRAL FULL-SCALE STUTTGART TIMBER MODEL BRIDGE	<a href="https://doi.org/10.52202/069179-0425">https://doi.org/10.52202/069179-0425</a>
16.30	Joan W. Gikonyo	NUMERICAL MODELLING OF A CROSS-LAMINATED TIMBER-TO-CONCRETE DOWEL-TYPE CONNECTION USING THE BEAM-ON-FOUNDATION MODEL	<a href="https://doi.org/10.52202/069179-0404">https://doi.org/10.52202/069179-0404</a>
16.45	Robert Jackson	LIMBERLOST PLACE: A 10-STOREY SLAB-BANDED STRUCTURE	<a href="https://doi.org/10.52202/069179-0426">https://doi.org/10.52202/069179-0426</a>