Wednesday 21 June SESSION POSTERS 8-11

Time	Presenting Author Name	Paper Title	DOI-link
Session 8	**12:30-13:30**	**Room 201**	
	Moderator: Nolan, Gregory	***Theme: 3.4 Cyclic loading, earthquakes & fatigue***	
12:30	Koji Yamada	ASEISMIC DESIGN LEVEL USING RESPONSE SPECTRUM FOR WOODEN HOUSES	https://doi.org/10.52202/069179-0264
12:34	Yuji Miyazu	EVALUATION OF VIBRATION PROPERTY OF HIGH-DAMPING TWO-STORY TIMBER STRUCTURE BASED ON RESONANCE CURVE	https://doi.org/10.52202/069179-0272
12:38	Ai Tomita	EVALUATION OF SEISMIC PERFORMANCE OF WOODEN HOUSES WITH SLIDING BASE BY FULL-SCALE SHAKING TABLE TEST	https://doi.org/10.52202/069179-0279
12:42	Christian Slotboom	HYSTERESIS - A PYTHON LIBRARY FOR ANALYSING STRUCTURAL DATA	https://doi.org/10.52202/069179-0287
12:46	Zabih Mehdipour	OPTIMIZED CLT-RC FRAME CONNECTION FOR SEISMIC RETROFITTING	https://doi.org/10.52202/069179-0299
12:50	WeiChong Liao	ADAPTIVE COMPOSITE RUBBER BEARINGS FOR TIMBER STRUCTURE: A CASE STUDY FOR EARTHQUAKE-PRONE REGIONS	https://doi.org/10.52202/069179-0295
Session 9	**12:30-13:30**	**Room 202**	
	Moderator: Serrano, Erik	***Theme: 3.5 Structural modelling, analysis & design + 3.6 Tall timber buildings***	
12:30	Shogo Aoki	ANALYTICAL STUDY ON P-? EFFECT OF MEDIUM-RISE WOODEN BUILDINGS	https://doi.org/10.52202/069179-0318
12:34	Krunoslav Pavkovi?	EMBEDMENT STRENGTH AND STIFFNESS FOR LARGE DIAMETER MECHANICAL FASTENER	https://doi.org/10.52202/069179-0371
12:38	Joakim Munden	TIMBER-BASED SEISMIC RETROFIT TECHNIQUES FOR EXISTING MASONRY STRUCTURES IN NORTH EUROPE	https://doi.org/10.52202/069179-0330
12:42	Manuel Sánchez-Solís	TIMBER INTERACTIVE MODELLING AND POST-PROCESSING SOFTWARE (TIMPS)	https://doi.org/10.52202/069179-0333
12:46	Ricky Mclain	DIFFERENTIAL MATERIAL MOVEMENT IN TALL MASS TIMBER STRUCTURES	https://doi.org/10.52202/069179-0383
12:50	Samira Mohammadyzadeh	SYSTEM IDENTIFICATION OF TALL MASS TIMBER STRUCTURES EMPLOYING AMBIENT VIBRATION TEST AND FE MODELLING	https://doi.org/10.52202/069179-0377
12:54	Ryota Minami	PERFORMANCE VERIFICATION AND TRIAL DESIGN FOR HIGH-RISE TIMBER FRAME BUILDINGS WITH BUCKLING-RESTRAINED BRACE - PART 2: ANALYSIS OF THE TRIAL DESIGN BUILDING	https://doi.org/10.52202/069179-0387
Session 10	**12:30-13:30**	**Room 203**	
	Moderator: Crews, Keith	***Theme: 3.9 Wood-based building systems + 3.10 Circular design for sustainability, altered use, and reuse of buildings & components***	
12:30	Yua Kosuge	EFFECT OF DIFFERENT TESTING METHODS ON THE STRUCTURAL PERFORMANCE OF WOODEN SHEAR WALLS	https://doi.org/10.52202/069179-0441
12:34	Kouta Matsumoto	IMPACT OF EXTERIOR SIDING WALL AND ITS CONNECTING METHDS IN WOODEN HOUSES: COMPARATIVE VERIFICATION FOR STRUCTUAL PERFORMANCE WITH DIFFERENT CONNECTION METHODS OF WALL SIDINGS	https://doi.org/10.52202/069179-0443
12:38	Rongji Fu	STUDY ON THE EVALUATION OF THE RESTORING FORCE CHARACTERISTICS OF FLOOR OF TRADITIONAL WOODEN BUILDING IN KYOTO	https://doi.org/10.52202/069179-0444
12:42	Sivert Lie	SEISMIC ANALYSIS OF A MULTI-STORY TIMBER-CONCRETE BUILDING AND DESIGNING FOR REUSE	https://doi.org/10.52202/069179-0461
Session 11	**12:30-13:30**	**Room 104**	
	Moderator: Muszynski, Lech	***Theme: 1 Materials and Innovative Products Mixed sessions***	
12:30	Gabriela Lotufo Oliveira	PRELIMINARY INVESTIGATION ON SAFETY PERFORMANCE OF CLT WALL PANELS UNDER IMPACT AND SUSPENSION TESTS	https://doi.org/10.52202/069179-0024
12:34	Sung - Jun Pang	BENDING BEHAVIOR OF GLT-STEEL BEAM CONNECTED BY INCLINED SCREWS	https://doi.org/10.52202/069179-0026
12:38	Marija Todorovi?	EXPERIMENTAL DETERMINATION OF R CURVES FOR EUROPEAN SPRUCE USING DCB TESTS	https://doi.org/10.52202/069179-0055
12:42	Yuchen Chen	HYGROTHERMAL PERFORMANCE OF SHEEP WOOL IN COLD AND HUMID CLIMATES	https://doi.org/10.52202/069179-0059
12:46	Shaghayegh Kurzinski	THEORETICAL AND EXPERIMENTAL INVESTIGATION ON PREDICTING LONGITUDINAL AND TANGENTIAL ELASTIC CONSTANTS AND RATIOS OF WOOD	https://doi.org/10.52202/069179-0051
12:50	Diego Valdivieso Cascante	PYTHON-BASED PLATE MODEL TO SIMULATE THE EFFECT OF KNOTTY AREAS ON SAWN TIMBER.	https://doi.org/10.52202/069179-0052
12:54	Ryuya Takanashi	DURATION OF LOAD UNDER LONG-TERM BENDING LOAD OF LAMINATED VENEER LUMBER AND WOODEN I-BEAM	https://doi.org/10.52202/069179-0068
12:58	Víctor Rosales	DIMENSIONAL VARIATIONS MONITORING OF RADIATA PINE CLT PANELS: A CASE STUDY IN CONCEPCIÓN, CHILE	https://doi.org/10.52202/069179-0070
13:02	Johnny van Rie	SHEAR CREEP OF POLYSTYRENE CORES IN WOODBASED PANELS	https://doi.org/10.52202/069179-0072
13:06	Maryam Shirmohammadi	INVESTIGATING THE EFFECTS OF MOISTURE INGRESS ON THE PERFORMANCE AND SERVICE LIFE OF AUSTRALIAN MASS TIMBER PANELS-CHARACTERIZATION OUTCOMES	https://doi.org/10.52202/069179-0079

Wednesday 21 June SESSION POSTERS 12-14

Time	Presenting Author Name	Paper Title	DOI-link
Session 12	**12:30-13:30**	**Room 105**	
	Moderator: Toratti, Tomi	***Theme: 1.4 Engineered timber products and production + 1.5 Quality control of timber-based materials***	
12:30	Shiro Nakajima	SHEAR THROUGH THE THICKNESS PROPERTY OF SCREW LAMINATED CROSS LAMINATED TIMBER	https://doi.org/10.52202/069179-0083
12:34	Martin Hackel	FLEXURAL PROPERTIES OF OIL PALM WOOD (ELAEIS GUINEENSIS JACQ.) BASED GLUED LAMINATED TIMBER (GLT) USING FINITE ELEMENT METHOD (FEM)	https://doi.org/10.52202/069179-0088
12:38	Jörg Wehsener	MECHANICAL PROPERTIES TESTS OF DELIGNIFIED AND DENSIFIED WOOD	https://doi.org/10.52202/069179-0095
12:42	Kevin Moreno Gata	DEVELOPING CONSTRUCTION METHODS FOR NATURALLY GROWN TIMBER AS LOAD BEARING ELEMENTS	https://doi.org/10.52202/069179-0096
12:46	Paolo Lavisci	IN-GRADE CLT FROM UNGRADED PINUS RADIATA BOARDS	https://doi.org/10.52202/069179-0099
12:50	Julio Cesar Molina	COLLAGE QUALITY OF BRAZILIAN WOODS FOR USE IN GLUED LAMINATED TIMBER BEAMS	https://doi.org/10.52202/069179-0100
12:54	Michal Kloiber	PREDICTION OF SAWLOG TWISTING BASED ON MEASURED SPIRAL GRAIN OF SPRUCE TRUNKS AND LOGS	https://doi.org/10.52202/069179-0108
Session 13	**12:30-13:30**	**Room 106**	
	Moderator: Aalto, Pasi	***Theme: 4.5 New design practice and building systems + 4.7 Exploration & restoration of existing structures***	
12:30	Suzanne Segeur-Villanueva	RECIPROCAL FRAMES: AN ANCESTRAL STRUCTURAL PRINCIPLE TO USE NATIVE WOOD SPECIES IN CHILE	https://doi.org/10.52202/069179-0509
12:34	Puxi Huang	MULTI-CRITERIA ASSESSMENT FOR FLEXIBILITY IN MODULAR TIMBER SCHOOL PROJECT BASED ON AHP-TOPSIS	https://doi.org/10.52202/069179-0512
12:38	Wataru Kambe	DEVELOPMENT OF SIMPLE REPARING HARDWARE FOR DAMEGED ENDS OF WOODEN BEARING WALLS	https://doi.org/10.52202/069179-0525
12:42	Josè Faria	METHODOLOGY OF REHABILITATION OF TIMBER STRUCTURES IN HISTORICAL BUILDINGS	https://doi.org/10.52202/069179-0520
12:46	Daisuke SHIMIZU	A STUDY ON COORDINATED EXPRESSION OF THE SEISMIC DIAGNOSIS SCORE AND ITS APPLICATION TO RETROFIT REINFORCEMENT PROJECTS UNDER COST CONTROL FOR JAPANESE TIMBER HOUSES	https://doi.org/10.52202/069179-0531
12:50	María Pilar Giraldo	COMBINATION OF NDT AND DESTRUCTIVE TESTS FOR GRADING THE STRENGTH CLASS OF TIMBER TO REHABILITATE STRUCTURES	https://doi.org/10.52202/069179-0537
12:54	Manabu Fujimoto	THE PRESENT STATE AND ISSUES ON RETROFITTING OF HISTORIC TIMBER-FRAMED BRICK CONSTRUCTION BUILDINGS IN JAPAN	https://doi.org/10.52202/069179-0538
Session 14	**12:30-13:30**	**Room 107**	
	Moderator: Sandberg, Karin	***Theme: 2 Sustainability and Environmental Impact Mixed session***	
12:30	Tadashi Hara	GROUND IMPROVEMENT EFFECT OF TIMBER PILES BURIED IN SOFT CLAY GROUND	https://doi.org/10.52202/069179-0113
12:34	Naoya Iizawa	STUDY ON ENVIRONMENT DECOMPOSITION AND STRENGTH OF CLT WHEN TEMPORARILY USED ON CIVIL ENGINEERING	https://doi.org/10.52202/069179-0114
12:38	Annette Hafner	DEVELOPMENT OF FUTURE-ORIENTED CONCEPTS FOR AGRICULTURAL CONSTRUCTION WITH WOOD	https://doi.org/10.52202/069179-0115
12:42	Makoto Imai	PROPOSAL OF A METHOD FOR ESTIMATING THE RESIDUAL STRENGTH FROM THE DEPTH OF PILODYN PENETRATING FOR A CYLINDRICAL MEMBER	https://doi.org/10.52202/069179-0120
12:46	Antonio Costa	DEVELOPMENT OF MATERIAL FOR CIVIL CONSTRUCTION FROM BABAÇU PALM FIBERS	https://doi.org/10.52202/069179-0124
12:50	Weichiang Pang	EXPLORING THE STRUCTURAL DESIGN, COST, AND DURABILITY OF MASS TIMBER NOISE BARRIER FOR HIGHWAY APPLICATIONS	https://doi.org/10.52202/069179-0125
12:54	Annette Hafner	LIFE CYCLE ASSESSMENT ON DIFFERNET TIMBER BRIDGE TYPES: DECK BRIDGE, BLOCK GIRDER BRIDGE, TROUGH BRIDGE, PYLON BRIDGE	https://doi.org/10.52202/069179-0128
12:58	Akiko Ohtsuka	FUNDAMENTAL STUDY ON REPAIR BY EPOXY RESIN MIXED WITH CELLULOSE FIBER TO RECOVER BENDING PERFORMANCE OF WOODEN PARTS	https://doi.org/10.52202/069179-0147
13:02	Naoki Kakehashi	CURRENT STATUS OF MAINTENANCE OF THATCHED ROOFS IN SHIKOKU	https://doi.org/10.52202/069179-0149