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	Sunday 22 June	
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7:00-8:00	Durability Dash IRG56 Fun Run/Fun Walk	
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15:00-18:00	Registration Foyer of F201+202	
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18:00-21:00	Welcome Reception F201+202	
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Monday 23 June		
	Opening Plenary Session President: Rod Stirling Vice-President: Miha Humar Secretary-General: Mats Westin F201+202	
08:30-08:50	Opening Ceremony of the 56th Annual Conference Opening address by Rod Stirling, President, The International Research Group on Wood Protection Prof. dr. Makoto Kiguchi, Vice President of JWPA Makoto Yoshida, Local Organizing Committee	
08:50-09:30	Plenary 1. Opening of the meeting 2. Approval of the agenda 3. Membership issues - New regular and student members, new corporate members and members deceased 4. Announcement of this year's award recipients - Honorary Life-Long Membership - Ron Cockcroft Award	25-60549

	Scientific Main Session – keynote Chair: Miha HUMAR F201+202	
9:30-10:00	An Overview of Japanese Wood Protection Technology M Kiguchi	
10:00-10:30	Wood Protection in the Tropics: A Necessity in the Face of Climate Change and Rising Demand for Wood Products Consumption M Nurudeen Iddrisu	25-50413
10:30-11:00	Coffee / Tea - Foyer of F201+203+205	

	Scientific Main Session – section papers Chairs: Miha HUMAR, Mark MANKOWSKI, Gerald PRESLEY, Kévin CANDELIER, Jan VAN DEN BULCKE, Boštjan LESAR F201+202	
11:00-11:20	Detecting wood-decay fungi in walls: a non-destructive approach with an electronic nose M Suzuki, T Miyauchi, S Isaji, R Naganawa	25-11070
11:20-11:40	Enhanced Flame Retardancy in Wood via In Situ Polymerization of Phosphorus-Containing Ionic Liquids J Jiang, Y Wu, J Luo, W Qu	25-20736
11:40-12:00	Furfurylation of wood with white pocket rot caused by Porodaedalea chrysoloma Y Mori, Yamashita, Y Ota, M Kiguchi	25-30819

12:00-12:20	Moisture uptake in CLT during the construction phase: real construction conditions versus specimens exposed to environment D Lima , S Duarte, J M Branco, L Nunes (†)	25-41019
12:20-12:40	Recycling wood treated with copper-based preservatives to produce hard carbon materials for energy storage applications D Huo, J-P Bonnet, A Jamali	25-50401
12:40-13:00	Discussion and questions	
13:00-14:00	Boxed Lunch F203+204 or outside	

	Parallel Session A - F201+202	
14:00-15:30	WP 3.2 Chemical modification Conveners: Kévin CANDELIER and Assira KERALTA	
	Chestnut tannin-furfurylic resins for wood preservation: influence of the proportion of tannins as copolymer J Dorini Falavinha , C Gérardin-Charbonnier, P Gérardin, P Cademartori	25-30816
	Novel treatments of solid wood - studies into the use of imidazole and succinimide D Jones , A Scharf, H Dernegård, J Oja, S Duarte, J Levanić, M Humar	25-30817
	Enhanced Termite Resistance of Low Durability Fast Growing Teak Wood by Non-Biocide Treatments Based on Chemical and Thermal Modification R Martha , K Candelier, M-F Thévenon, B George, I S Rahayu, W Darmawan, P Gerardin	25-30818
	Discussion and questions	
	WP 2.4 Treatability of wood & quality control of processes and materials Conveners: Daniel LIMA and Gerald PRESLEY	
	Hot and cold treatment with ACQ J Norton	25-20747
15:30-16:00	Coffee / Tea - Foyer of F201+203+205	
16:00-17:40	WP 2.4 Treatability of wood & quality control of processes and materials (cont) Conveners: Daniel LIMA and Gerald PRESLEY	
	Transmission poles - Analysis of causes of premature failure in Slovenia M Humar , B Lesar, N Kregar, S Drnovšek	25-20745
	NTR classified preservative-treated laminated wood J Jermer, F Westin, R Digaitis	25-20750
	Wood phytosanitation: which Standard should be applied? L Robertson , S Santos, M T Troya	25-20748
	The spread of technology in a simple wooden pile construction method to prevent shallow landslides K Shimizu , K Tanaka, H Hashitani, A Yamaguchi, K Kabeno, Y Iijima, A Ito, M Jo, T Fujii, K Abe, H Ochiai	25-20733
	Investigation of Pressure-Treated Foundations with Wood Preservative and Termite Control in Existing Wooden Houses in Japan K Usami , T Kawada, H Ishiyama	25-50402
	Validation of a measurement method for cyproconazole retention in pressure-treated wood through an interlaboratory study T Miyauchi , Y Itou, M Samejima	25-41037
	Discussion and questions	
18.15 -20:45	President's RECEPTION (upon invitation) Harbor Lounge A, Foyer and Harbor Lounge B	

	Parallel Session B – F205	
14:00-15:30	WP 1.1 Microorganisms Conveners: Maite de TROYA and Yuka KOJIMA	
	Towards eco-friendly fire retardant of wood - exploring fungal biomineralisation K Butina Ogorelec , A Gubenšek, A Sandak	25-11052
	Synthetic Oxalate/ β -glucan Fungal Extracellular Matrix Demonstrates Potential Inhibition of Extracellular Enzyme Diffusion into Wood Cell Walls, and Calls into Question the Role of Enzymes in Wood Decay B Goodell , G A Tompsett, G Perez-Gonzalez, K Mastalerz, M Timko	25-11053
	Neglected Contribution of Herman Schacht on Soft Rot in 1863 Revisit to “wet rot” and “crystalloid holes in spiral directions” Y-S Kim , K Yamamoto	25-11054
	Decay pattern in external wooden structures J Mattsson , M Sand Austigard, A-C Flyen	25-11055
15:30-16:00	Coffee / Tea - Foyer of F201+203+205	
16:00-17:30	WP 1.1 Microorganisms (cont.) Conveners: Maite de TROYA	
	Enzyme activities of Bursaphelenchus xylophilus and associated bacteria L Robertson , G Cebrián, D Gámez, L Fiorentini, S Rames, S Santos, M T Troya	25-11057
	Entomopathogenic organisms: Host-pathogen interactions M T Troya , S Santos, L Robertson	25-11059
	Xerophilic mould fungi on new and historic wood J Mattsson , M Sand Austigard	25-11056
	Revealing the degradation process of Moso bamboo (Phyllostachys edulis) by different decay fungi J Xue, D Cui, M Zhou , J Cao	25-11060
	Discussion and questions	
18.15 -20:45	President’s RECEPTION (upon invitation) Harbor Lounge A, Foyer and Harbor Lounge B	

Tuesday 24 June		
	Parallel Session A - F201+202	
8:30-10:10	SS 1: Circular Economy in Wood Preservation Sector Conveners: Boštjan LESAR and Makoto YOSHIDA	
	JWPA's Activities Towards Circular Economy Y Fujii	25-50406
	WoodStock: Empowering climate-smart, circular, and zero-waste use of underutilized wood from the forest and building stock in the construction sector to support the New European Bauhaus L De Ligne, J Van Acker , J Van den Bulcke	25-50405
	Leveraging Geospatial Mapping for Timber Circularity in Australia T Singh , P Mitchell, M Strandgard, M Harris	25-50410
	Contribution of naturally durable wood use to Circular Economy - Understanding the classification system of natural durability and its variation within wood species K Yamamoto , T Osawa, R Noda	25-50411
	Hyperspectral imaging in qualitative and quantitative assessment of biocide treated timber J Levanič , E Keržič, B Lesar, M Humar	25-50407
10:10-10:40	Coffee / Tea - Foyer of F201+203+205	
10:40-12:30	SS 1: Circular Economy in Wood Preservation Sector (cont) Conveners: Boštjan LESAR and Makoto YOSHIDA	
	Timber reuse and circularity: Insight from Norway's SirkTre and CircWOOD initiatives K Nore, L Ross	25-50409
	Proposal for New Evaluation Criteria for Exterior Products to Achieve a Circular Economy K Murakami , T Fujii, Y Iijima, T Hhikiji	25-50408
Discussion and questions		
	SS 2: Novel technologies in Wood Protection and Modification Convener: Dennis JONES	
	Improvement and practical application of dry-type pressure treatment method D Tezuka , C Igarashi	25-20734
	Functionalization of wood with nano-sized titanium dioxide – Efficacy against mould growth and effect on cell wall integrity U Hundhausen , S Bollmus, L Ross	25-20740
	Evaluation of 'Deep Penetration Treatment' for wood preservation M Ikeda , T Shigeyama, Y Sugai	25-20746
12:30-13:30	Boxed Lunch F203+204 or outside	

13:30-15:40	SS 2: Novel technologies in Wood Protection and Modification (cont.) Convener: Dennis JONES	
	Investigation for internal observation of CLT treated solvent-borne wood preservative in the accelerated rot test Y Sakurai , T Shigeyama, Y Sugai	25-41035
	Performance verification of water-based outdoor wood protection coatings N Ikemoto	25-41015
	Influence of incising methods and wood moisture content on 'deep penetration treatment' in Japanese cedar and larch S Taira , T Miyauchi, S Isaji, H Matsunaga	25-20749
	The Impact of Drying Techniques on the Quality of Thermally Modified Wood M Ghorbanian Far , N Sharifi, A Nikoutadbir, A Tarmian, M Humar	25-30813
	Mineral-wood composites with improved fire properties and durability prepared through MgCO ₃ -based mineralization A Pondelak , N Knez, S D Škapin, M Humar, A S Škapin	25-30823
	Plasma Modification of Basswood Creates Super-Black Wood K J Cheng, D Feng, M Turner, L Schmidt, P D Evans	25-30826
	Process Development in Continuous Wood Densification and the Influence of Ionic Liquids on Set-Recovery and Mechanical Properties D Jones , A Scharf, B Neyses, D Sandberg	25-30827
15:40-16:10	Coffee / Tea - Foyer of F201+203+205	
16:10- 17:00	SS 2: Novel technologies in Wood Protection and Modification (cont.) Convener: Dennis JONES	
	AI Models for Accelerating Wood Protection Testing: Development of Predictive Tools Based on Long-Term Field Test Data J Stenbaek , B Noufel, L Glade, P Bisgaard	25-41023
	Considerations on how different preservation processing methods of logs would have different effects on wood structures Y Iijima	25-40140
	CIOL Wood - Scientific Innovations in Wood Modification for Enhanced Performance and Usage E Larnøy , A Treu, M Diraison, M Smith, A Audouin, P T Lewandowski, J Biørnstad	25-20743
	Discussion and questions	

	Parallel Session B – F205	
8:30-10:10	WP 2.2 Fire retardants Conveners: Martin NOPENS and Gry ALFREDSSEN	
	Securing Flame Retardancy in Wood: Durability After Artificial and Natural Weathering Test M Wu , L Martin, H Militz	25-20738
	Discussion and questions	
	WP 2.5 Wood protection by design & new protection concepts Conveners: Martin NOPENS and Gry ALFREDSSEN	
	Structural health assessment of wood - A comparison of methods for determining the spatial spread of fungal infestation in beams and rafters C Brischke , N Sommerfeld, E Flohr, A K Mayer, S Bollmus	25-11051
	The iTrussT project – Advancements in timber bridge design, preservation, and monitoring K-C Mahnert, U Hundhausen	25-20751
	Discussion and questions	
	WP 3.4 Surface modification Conveners: Dennis JONES and Phil EVANS	
	Properties of plasma etched super black wood K J Cheng , X Xu, V A Hernandez, P D Evans	25-30825
	Influence of plasma treatment on the coatability of wood primer with a topcoat for exterior use M Petrič , L Albreht, N B Štrus, E Keržič, M Pavlič, J Žigon, S Dahle	25-30828
	Discussion and questions	
10:10-10:40	Coffee / Tea – Foyer of F201+203+205	
10:40-12:30	WP 4.2 Service life Conveners: Jonas STENBAEK and Resa MARTHA	
	Fungal decay in cable car pylons in Svalbard - overview of results G Alfredsen , M Altgen, M S Austigard, J Mattsson, M Nunez, L Ross, S Aarseth Tunstad, A Treu, I A Yakovlev, N Bjerregaard Pedersen	25-41026
	A Case Study of Vogvarjeva hiša, a Local Ethnographic Museum D Krzysnik , L Kopač, M Humar	25-41027
	A multi-dataset validation study of moisture prediction in Norway spruce wood exposed outdoors J Niklewski , C Brischke	25-41029
	Relationship between changes inside moisture content of wood measured using temperature and humidity sensors and swelling and shrinkage Y Sadakane , T Mori	25-41030
	Linking treatability with moisture dynamics J Van Acker , K De Vriendt, L De Ligne, J van den Bulcke	25-41031
	Durability and service life of wood in constructions. The Spanish approach D Lorenzo , J Fernández-Golfín, M Touza, A Lozano, J Benito	25-41028

	Evaluation of moisture exclusion ability of wood using double-layer outdoor exposure tests T Osawa , R Noda, K Yamamoto	25-41021
	Discussion and questions	
12:30-13:30	Boxed Lunch F203+204 or outside	
13:30-15:40	WP 4.3 Wood-based Composites Conveners: Veronic LANDRY and Karen BUTINA OGORELEC	
	Transformation of bamboo: From multiscale fibers to robust and degradable cellulose-based materials for plastic substitution J Hu, Y Zhang, Y He, Z Su, W Lao, S Zhang, Y Yu, W Yu, Y Huang	25-41032
	Optimising properties of citric acid-sorbitol bonded particleboards with added ammonium dihydrogen phosphate as fire retardant L Kopač , S Medved, B Lesar, M Humar, A Scharf, D Jones	25-41033
	Biocomposites based on fungal mycelium and beech particles impregnated with BPCM (bio-phase change material) for thermal energy storage E Nigrone , F De Francesco, J Conti, M Jebrane, M Nazari, N Terziev, S Palanti	25-41034
	Discussion and questions	
	WP 4.4 Analysis and Standards Conveners: Karen BUTINA OGORELEC and Veronic LANDRY	
	Quantitative Prediction of Latent Deterioration in Wood Coatings Using Mid-Infrared Spectroscopy and Machine Learning Y Teramoto	25-41038
	Large scale management of subterranean termites attacks in urban areas in Spain. Spanish standard UNE 56418:2016 D Lorenzo , M T de Troya, J Benito, A Lozano	25-41036
	A Study on the Damage and Conservation of Wood in Dense Areas of Wooden Buildings Nam-Cheol Ko , et al.	25-50412
	Discussion and questions	
15:40-16:10	Coffee / Tea - Foyer of F201+203+205	

16:10-17:30	Poster Session Convener: Miha HUMAR F205 Foyer of F201+203+205 (poster exhibition)	
	Securing Flame Retardancy in Wood: Durability After Artificial and Natural Weathering Test ES Mujanic, R Hasanagic, E Kerzic, L Fathi, M Humar	25-20737
	Interaction of cellulolytic enzymes with fungal cell wall polysaccharides K Fukabori , N Hattori, Y Kojima, R Iizuka, M Yoshida	25-11071
	Physiological characterization of a key enzyme involved in gaseous COS assimilation in the filamentous fungus <i>Trichoderma harzianum</i> R Iizuka , A Ono, T Suzuki, Y Katayama, M Yoshida	25-11072
	Distribution of Crystalline Cellulose-Binding Domain CBM104 in Wood Rotting Fungi Y Kojima , N Sunagawa, M Aoki, S Tagawa, M Wada, K Igarashi, M Yoshida	25-11073
	Investigation of oxalic acid production in brown-rot fungi S Matsumoto , R Tsukida, T Ito, M Iritani, M Yoshida	25-11074
	Interaction between AA9 lytic polysaccharide monooxygenase and PQQ-dependent pyranose dehydrogenase in cellulose degradation H Murai , Y Kojima, E G Kommedal, V G H Eijsink, M Yoshida	25-11075
	Functional Analysis of Cellobiose Dehydrogenase from the Saprotrophic Basidiomycete <i>Coprinopsis cinerea</i> Y Sakka , A Hosaka, M Yoshida	25-11076
	Exploration of H ₂ O ₂ -producing flavoenzymes from the wood rotting basidiomycete <i>Armillaria cepistipes</i> using protein structure prediction Y Tamaru	25-11077
	Effect of the Cellulose-Binding Domain Associated with Xylanase on the Degradation of Softwood and Hardwood Xylan R Tsukida , Y Kojima, S Kaneko, M Yoshida	25-11078
	Natural and enhanced durability of wood exposed above ground R Digaitis , J Stenbaek, A W Christof, N Morsing, B Lindegaard	25-11079
	Screening of fungi capable of degradation of β -aryl ether bond from lignin model compounds by using highly fluorescent-emitting detection A Ishikawa , Y Mori, Y Ota, M Kiguchi	25-11081
	Real-time evaluation of connected in-ground termite stations in laboratory colonies of <i>Coptotermes gestroi</i> and <i>Prorhinotermes</i> sp. M Boutin and D Messaoudi	25-11082
	From Wet to Preserved: Collecting Data of Waterlogged Wood Treated with PEG in Lanyan Museum and Study the Effect of Molecular Weight on Dimensional Stability K-L Huang , P-Y Kuo	25-11080
	Development of a boron/polymer based new wood preservative O Arroyo Fernandez , S Adab, L Gastonguay	25-20752
	Sustainable and environmentally friendly bio-based protection against fire M Tanase-Opedal, A Larsson, P O Flaete	25-20756

	Predicting weather resistance of Recoated Outdoor Wood by Near Infrared Diffuse Reflectance Spectroscopy M Murai , M Itani, K Isoda	25-20757
	Carbon quantum dots as a fungicide and its applications in wood X Zhao, Z Zhang, M Zhou, J Cao	25-20754
	Enhancing the Effectiveness of Penflufen by using a Plant Booster D Messaoudi, A Robert, P Meckler, T Jaetsch	25-20759
	Durability Analysis of Bio-based Phenol-Formaldehyde Resin-Treated Wood T-H Lin , P-Y Kuo	25-20753
	Curing Behaviour of Bio-based Phenol Formaldehyde Resin and the Durability Performance of Treated Wood Y-S Lee , P-Y Kuo	25-20758
	Enhancing strength, fire and biological resistance of wood through structural and chemical modification R Abouzeid, M S Koo, Q Wu	25-30831
	Modification of Beech Wood by Furfurylation with Chestnut (<i>Castanea sativa</i>) or Acacia (<i>Acacia mearnsii</i>) Tannins for Protection Against Subterranean Termites J V Dorini-Falavinha , K Candelier, P H Gonzales De Cademartori, C Gérardin-Charbonnier	25-30832
	Evaluation of Oak bark extracts as bio-based preservative agents in wood protection R Herrera , A Selmanovic, F Poohphajai, C Peña, A Sandak	25-30833
	Introduction of UV absorbers to wood surfaces via atom transfer radical polymerization K Maezaki , Y Mori, M Kiguchi	25-30834
	Durability Enhancement of US Hardwoods for Use in Open Trailer Decks X Xie , X Wang, G Kirker, C A Senalik	25-41048
	Investigation of the Correlation between Blue-Light and Transparent Wood and Its Impact on Eye cells J-Y Jiang , C W Lin, P-Y Kuo	25-41042
	Investigation of Impregnation Factors for Biomass-Based Phenol-Formaldehyde Resins Y-C Huang , T-H Lin, P-Y Kuo	25-41044
	Towards Sustainable Wood Protection: PF resins-impregnated Paper Honeycombs and the role of Processing Parameters analysis by Response Surface Methodology Y-C Wu , P-Y Kuo	25-41045
	Developing a Novel Bio-based PF Resin as Wood Preservative and Explore its Synthesis Route Using RSM Methodology H-C Ye , Y-C Wu, T-H Lin, P-Y Kuo	25-41046
	Development of an Early Degradation Diagnosis Technology for Wood Coatings Using Mid-Infrared Spectroscopy and Machine Learning K Nishimura , T Ito, S Isaji, T Takano, H Ohki, Y Teramoto	25-41047
	Physical and chemical characterization of post-consumer wood chips for recycling M Altgen, K Bringdal Gedde, L Ross, E Larnøy	25-50414

	<p>Valorisation of bark extractives for wood and plant protection: the Extrabark project</p> <p>P Gérardin, C Gérardin Charbonnier, S Dumarçay, R Martha, J V Dorini Falavinha, W Donck, Z Nys, A Lepretre, L Taguimjeu, M-L Fauconnier, J Renaut, K Sergeant, S Saker, E Strilin, J Tchoumtchoua, M C Detroz, G Beauchamp</p>	25-50415
	<p>Addressing Climate Challenges through the Valorisation of Calamity Wood in the Alps-Adriatic Region</p> <p>M Humar, E Keržič, B Lesar, J Gričar, B Likar, E Beltramini, S Silvestri</p>	25-50416
	<p>Investigation of a commercial fire-retardant additive on particleboard properties</p> <p>D Jones, S Medved, M Lawther</p>	25-20755
	<p>Preliminary assessment of imidazole as an adhesion system for particleboards</p> <p>A Scharf, H Dernagård, J Oja, G Ormondroyd, S Medved, D Jones</p>	25-41043

Wednesday 25 May		
	Parallel Session A - F201+202	
8:30-10:10	WP 4.1 Laboratory and field performance Conveners: Joris VAN ACKER and Yao PENG	
	Preservation conditions of wooden roofs of two historical churches in middle-Sweden O Karlsson , Y Huang, A Postovoitova, C-F Lin, O Myronycheva	25-41016
	ProFume® pre-shipment treatments of round wood against infestations with bark-breeding beetles - technical improvements S Kümmeritz , G M Kroos	25-41017
	Experimental characterizing of liquid water uptake and release – key to understand moisture-induced decay risk analysis M Nopens , J T Benthien, J Trautner, C Brischke	25-41020
	Non-destructive methods for field assessment of wood biodegradation in hardwood trailer decks exposed to tropical environments X Wang , X Xie, G Kirker, C A Senalik	25-41039
	Enhancing Wood Greying: A Study of Pre-Treatments and Iron(II) Sulphate Application B Lesar , M Humar, A Kordiš	25-41018
	Considerations on how different preservation processing methods of logs would have different effects on wood structures Y Iijima	25-41040
10:10-10:40	Coffee / Tea - Foyer of F201+203+205	
10:40-12:30	WP 4.1 Laboratory and field performance (cont.) Conveners: Philippe GERARDIN and Muting WU	
	Effect of biodiesel-containing solvents on the performance of Copper Naphthenate and Pentachlorophenol: 118-month assessment and depletion analysis G Presley et al	25-41022
	Effect of photodegradation on fungal colonization on wood during initial stage of brown-rot decay Y Wang, Y Peng , J Cao	25-41024
	Impact of Fence Post Footings on Wood Post Durability D Wong , R Stirling	25-41025
	Durability and molecular analysis of fungal community in wood exposed above ground N Högberg, D Panov, G Daniel, N Terziev	25-11068
	Colorimetric performance of temperate wood species under tropical weathering K da Silva Pereira, S J da Costa Lima, M F C Santos, L Emmerich, C Brischke, D C Batista	25-41041
	Discussion and questions	
12:45-19:00 19:00-21:00	Excursion Tour round Kamakura historical sites Yokohama Chinatown – Chinese dinner - Dismissed there	

	Parallel Session B – F205	
8:30-10:10	WP 5.3. Environmental Impact Conveners: Waldemar Perdoch and Kaelin Quigley	
	Bio-Based but Toxic? The Neglected Ecotoxicity of Leachates from Wood Preservatives—A mini-review A Barbero-Lopez , A Haapala	25-50403
	Migration of polycyclic aromatic hydrocarbons (PAHs) in soil from creosote-treated Douglas-fir and southern pine posts in the first 12 months since installation K Quigley , G Presley	25-50404
	Evaluation of Fungicide Transfer to Fruit Stored in Bins Constructed from Anti-Sapstain Treated Radiata Pine D Humphrey , A Russell	25-50417
	Discussion and questions	
	WP 5.4 Circular economy of wood products Conveners: Kaelin Quigley	
	The non-energy utilization of low-quality wood from the invasive species <i>Prunus serotina</i> W Perdoch , P Kotwzan	25-30814
	Discussion and questions	
10:10-10:40	Coffee / Tea - Foyer of F201+203+205	

10:40-12:30	WP 1.3 Natural Durability Conveners: Paul MERRICK and Ryuka IIZUKA	
	Fungal degradation of oak timber bridges L Schrader, J Trautner , C Brischke	25-11058
	A comparison of methods – how to achieve a robust and conclusive durability classification of wood C Brischke	25-11063
	Multifactorial analysis of the reasons behind wood natural durability L-F E Nkogo, M S M Mouendou, S Dumarçay, P E Engonga, F Zannini, E Gelhaye, P Gérardin	25-11065
	DURALARCH – Suitability of selected coloured coniferous heartwoods of different origin for their use in outdoor applications C Brischke , J Appelt, G Koch, S Majer, M Nopens, R Stirling, D Wong	25-11064
	Durability to wood decay fungi and subterranean termites of <i>Quercus pyrenaica</i> Wild. S Santos, M T Troya , L Robertson, S Gutierrez, G Caballe, J L Villanueva	25-11066
	Discussion and questions	

12:45-19:00 19:00-21:00	Excursion Tour round Kamakura historical sites Yokohama Chinatown – Chinese dinner - Dismissed there	
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Thursday 26 June		
	Parallel Session A - F201+202	
8:30-10:10	WP 1.2 Insects & Marine borers Conveners: Lone ROSS	
	Microbial symbionts in the shipworm gut: a new finding resolving a century old mystery explaining how shipworms digest lignin B Goodell , J Chambers, D V Ward, C Murphy, E Black, L B K Mancilio, G Perez-Gonzalez, J R Shipway	25-11061
	Performance of Chromated Copper Arsenic Treated and Untreated Papua New Guinea Timber Species in Marine Exposure after 95 weeks (664 days) E Galore, J Norton , T Singh	25-11062
	Discussion and questions	
	WP 1.4 Microbial test methodology Conveners: Lone ROSS	
	Evaluation of decay detection drill data – a semi-quantitative approach M S Austigard , J Mattsson, G Alfredsen, L Ross, N Bjerregaard Pedersen	25-11067
	Discussion and questions	
10:10-10:40	Coffee / Tea - Foyer of F201+203+205	
10:40-12:30	WP 2.3 Other protecting chemicals Conveners: Jaka LEVANIČ and Veronique LANDRY	
	Potential co-valorization of pyrolysis tars from five wood species from Tunisia as wood preservatives bases: Chemical compositions, antifungal and anti-termite activities M T Elaieb, J Valette, E Kiény, L Pignolet, S Ghariani, K Candelier	25-20739
	Are we barking up the right tree? - the use of bark residues in wood protection A Treu , M Altgen, M Sipponen, M Borrega	25-20742
	A novel anti-fungal wood crack repairing agent based on CQDs/PVA X Zhao, Z Zhang, Y Peng, W Wang, J Cao	25-20744
	Discussion and questions	
12:30-13:30	Boxed Lunch F203+204 or outside	

	Parallel Session B – F205	
8:30-10:10	WP 3.1 Thermal modification Conveners: Kévin Candelier	
	Decay resistance of thermally modified Eucalyptus grandis in closed and open systems D C Batista , A C Oliveira Rupf, M Wentzel, C Brischke, H Militz	25-30815
	Discussion and questions	
	WP 2.1 Wood preservatives Conveners: Joao V DORINI FALAVINHA and Kevin CANDELIER	
	Evaluating the Efficacy of Arnica Extract-Based Termiticide from Berkem Biosolutions® in Subterranean Termite Control: A Comprehensive Laboratory and Four-Year Field Study D Messaoudi, S Khoirul Himmi, D Tarmadi, I Guswenrivo , S Yusuf	25-20731
	Synergistic effect of the association of Prosopis juliflora polyphenolic extractives with tebuconazole on the growth inhibition of brown and white rot fungi: a solution to increase the naturalness and safety of wood preservation treatment J Owino, J Tuimising, F Mangin, P Gérardin, A Kiprop, C Gérardin-Charbonnier	25-20732
	Mitigating the risk of decay in CLT buildings affected by trapped construction moisture using a diffusible borate preservative J R Williams	25-20735
	Characterization of zinc borate synthesized in laboratory and scaled-up Study S Laffite, E Fernandez, C M Ibañez	25-20730
	Discussion and questions	
10:10-10:40	Coffee / Tea - Foyer of F201+203+205	

10:40-12:30	WP 3.2 Chemical modification Conveners: Resa Martha and Marion Noël	
	CIOL Wood – Industrialization of Sustainable Wood Products: Progress and Prospects J Bjørnstad	25-30820
	The impact of common fire retardancy salts and minerals on further properties of wood T Franke , T Volkmer	25-30821
	Unlocking the Potential of Dairy Coproducts in Wood Modification A Keralta , J Karthäuser, J Winninger, J Chamberland, M-J Dumont, V Landry, H Militz	25-30822
	Effect of Deep Eutectic Solvent Pretreatment on Properties of Densified Wood Y Ran, W Wang , J Cao	25-30824
	Citric acid/urea derivatives as anti-discolouration of wood surface C-F Lin, O Myronycheva, D Jones , O Karlsson	25-20741
	Discussion and questions	
12:30-13:30	Boxed Lunch F203+204 or outside	

13:30-15:00	Scientific Plenary Session – Discussion Forum Chair: Miha Humar F201+202	
	Sustaining Innovation in Wood Protection Under Funding Constraints M Humar, M Yoshida, T Singh, D Jones, G Presley IRG-WP Collaborative Research Funding R Stirling	
	Discussion and questions	
15:00-15:30	Coffee / Tea - Foyer of F201+203+205	

15:30-16:30	Final Plenary Session President: Rod Stirling Vice-President: Miha Humar Secretary-General: Mats Westin F201+202	
	5. Approval of the Annual Report 2024 and Auditor's report (IRG/WP 25-60548) 6. Granting discharge for the Executive Council and Secretary-General from the administration and accountancy for 2024 7. Approval of membership fees for 2026 8. Approval of the budgets for 2025 (forecast May 2025) and 2025 9. Election of new officers 10. Appointment of auditors 11. Future venues 12. Any other business	25-60549 25-60548 25-60551 25-60552
18:00-22:00	CONFERENCE BANQUET F203+204+205+206	