

Sunday 28 May

13:30-18:00	Registration Ballroom Foyer	
18:30-20:30	Welcome Reception Pullman Hotel, Daintree Pool deck	

Monday 29 May

6:00	Durability Dash Fun Run Pullman Cairns International Hotel, Front Entrance	
Grand Ballroom	Opening Plenary Session President: Lone Ross Vice-President: Rod Stirling Secretary-General: Mats Westin	
08:30-08:50	Opening Ceremony of the 54th Annual Conference Opening address by Lone Ross, President, The International Research Group on Wood Protection Jeff Morrell, 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	23-60517

Grand Ballroom	Scientific Main Session – keynote Chair: Rod Stirling	
09:30-10:10	Wood protection in Australia <u>JJ Morrell</u>	23-50385
10:10-10:40	Coffee / Tea	
Grand Ballroom	Scientific Main Session – section papers Chairs: Rod Stirling, Erik Larnøy, Kévin Candelier, Dallin Brooks	
10:40-11:00	Assessing changes in hardness of furfurylated wood on a nano-scale to mimic levels experienced by the marine wood-boring crustacean, <i>Limnoria</i> <u>L Martin</u> , J Zekonyte, S Lande, M Westin, S Cragg	23-11016
11:00-11:20	Simulations of microclimates for wood-decaying fungi in the built environment using environmental analysis P B van Niekerk, J Niklewski, S H Hosseini, B N Marais, I Frimannslund, T Kringlebotn Thiis, <u>C Brischke</u>	23-20703
11:20-11:40	Recent studies into improved fire retardancy of wood undertaken at Luleå University of Technology <u>D Jones</u> , C-F Lin, I Kim, E Garskaite, O Karlsson, D Sandberg	23-30784
11:40-12:00	Emerging wood nanotechnologies towards sustainable application and preservation <u>Q Fu</u> , T Singh, D Elustondo, M Sorieul	23-40959
12:00-12:20	Environmental Benefits of Wood Preservation <u>A Siraa</u>	23-50377
12:20-12:30	Discussion and questions	
12:30-13:30	Lunch	

	Parallel Session A	
Kuranda	Special Session 1: Tropical woods: Natural and conferred durability Conveners: Kévin Candelier and Shofi Fauziyyah	
13:30-13:50	Characterization of the fungal communities associated with <i>Aquilaria crassna</i> Pierre ex Lecomte plantations in French Guiana C Zaremski, C Malandain, O Sibourg, B Heuclin, N Amusant, M Ducouso, A Zaremski, (presented by K Candelier)	23-11001
13:50-14:10	Unlocking the potential of tropical fast-growing hardwood species <u>S Fauziyyah</u> , R Wimmer, C Brischke	23-11010
14:10-14:30	Natural durability of tropical plantation woods case in teak <u>K Yamamoto</u>	23-11011
14:30-14:50	Natural durability of 9 tropical species suitable for round wood timber building: fungi and termites laboratory screening tests M Leroy, <u>K Candelier</u> , J Damay, J Bossu, R Lehnebach, M-F Thevenon, J Beauchene, B Clair	23-11013
14:50-15:10	A novel wood preservative with vegetal extracts-cypermethrin mixture protects H2-weathered envelope-treated tropical hardwood kempas against <i>Coptotermes</i> termites D Messaoudi, <u>A H H Wong</u>	23-30794
15:10-15:20	Discussion and questions	
15:20-15:50	Coffee / Tea	
Kuranda	Special Session 3: Novel strategies for wood protection – progress and challenges Conveners: Anna Sandak and Katarzyna Kurkowiak	
15:50-16:10	How the biochemical activities of polyphenols may be effective for the protection of wood deterioration by termites?	23-30789

	J-P Joseleau, D Messaoudi, K Ruel	
16:10-16:30	Bio-inspired wood protection, modification and functionalization A Sandak, K Butina Ogorelec, F Poohphajai, A Gubenšek, R Herrera Diaz, O Gordobil	23-40989
16:30-16:50	Fungicidal properties of black liquor from the waste MDF board digestion in terms of wood protection B Mazela, W Perdoch, A Szulc, I Sieminska	23-50379
16:50-17:10	New wood-modification process based on grafted urethane groups: Durability of carbamylated Scots pine (<i>Pinus sylvestris</i> L.) wood C-F Lin, O Myronycheva, O Karlsson, D Jones, D Sandberg	23-40974
17:10-17:20	Discussion and questions	
18:30-20:30	President's RECEPTION (upon invitation)	

	Parallel Session B	
Mossman	Working Party 4.3 Treating Processes and Treatability of Timber Convener: Joris Van Acker	
13:30-13:50	Non-vacuum/pressure ACQ treatment J Norton	23-40971
13:50-14:10	Ultrasound as an alternative treatment in wood protection L Robertson, S M Santos, S Cobacho Arcos, A Navas, M T Troya	23-40973
14:10-14:30	Investigating wood anatomical factors influencing the treatability of refractory southern pine- an imaging approach M Shirmohammadi, M R Karbaschi, B Hassan, W Leggate	23-40975
14:30-14:50	Sensitivity of copper indicators for detecting preservative penetration T Yi, J Norton, S Meldrum, J J Morrell	23-20701
14:50-15:10	Through-boring to improve the performance of low durability Eucalyptus species for utility poles: 10-year field test results of pole stubs exposed in Southeast Queensland J Norton, L P Francis, J J Morrell	23-40972

15:20-15:50	Coffee / Tea	
Mossman	Working Party 4.3 Treating Processes and Treatability of Timber – continued	
15:50-16:10	Outdoor Performance of Tanalith® K Treated Timber: Dimensional Stability and Corrosivity Towards Metal Fasteners <u>G Rassam</u> , J Hague, D Humphrey	23-30798
16:10-16:30	The impact of pre-drying on treatment level variations of esterified solid wood analysed by X-ray densitometry <u>A Treu</u> , S O Amiandamhem, E Larnoy	23-40977
16:30-16:50	The Appropriateness of Central One-Ninth or Core Retentions as a Means of Demonstrating Penetration Compliance in Sawn, Permeable Softwood Species <u>D Humphrey</u> , B Skewes	23-40976
16:50-17:00	Discussion and questions	
18:30-20:30	President's RECEPTION (upon invitation)	

Tuesday 30 May

Tuesday 30 May		
	Parallel Session A	
Kuranda	Special Session 2: Termites, biology and management Conveners: Teresa de Troya	
08:30-08:50	Management of invasive West Indian drywood termite in Queensland: Transition from mandatory to voluntary treatment <u>C Fitzgerald</u> , B Hassan	23-11002
08:50-09:10	Susceptibility of selected Australian commercial timbers to West Indian drywood termite <i>Cryptotermes brevis</i> <u>W Haigh</u> , R A Hayes, B Hassan	23-11003
09:10-09:30	Synergized pyrethrins insecticide as a spot treatment option for West Indian drywood termites <u>B Hassan</u> , C J Fitzgerald	23-11004
09:30-09:50	A novel method for assessing radial variation in termite resistance of timber <u>S Kleinschmidt</u> , R McGavin	23-11005
09:50-10:10	Subterranean termite control management in urban areas in Spain. Example of management in the old town of Vigo, Spain <u>D Lorenzo</u> , A Lozano, M Touza, J Benito	23-11006
10:10-10:40	Coffee / Tea	
Kuranda	Special Session 2: Termites, biology and management - continued	
10:40-11:00	They might be boring: pests of timber-in-service deserve more attention <u>H F Nahrung</u> , F Tovar, A Carnegie	23-11007
11:00-11:20	Effect of enzymatic inhibitors on the population of <i>Reticulitermes grassei</i> and their associated microbiota	23-11008

	S M Santos, <u>M T Troya</u> , F Llinares, P Colina, E García, M Álvarez, L Robertson	
11:20-11:40	A mini review on climate change impact on bio-ecology of subterranean termites <u>P Dhang</u>	23-50375
11:40-12:00	Towards a microactuator-sensing network for the structural health monitoring of wood <u>S Oberst</u> , S Sepehrirahnama, C Nerse, Z Brodzeli, J C S Lai, M Mankowski, T Atkinson, R Arango, G Kirker, T Evans	23-50380
12:00-12:20		
12:20-12:30	Discussion and Questions	
12:30-13:30	Lunch	
Kuranda	Working Party 2.2: Microbial test methodology Convener: Ramunas Digaitis and Jonas Stenbæk	
13:30-13:50	Field durability testing of wood above ground - Part 1: 15 years' experience with the Bundle method <u>C Brischke</u> , G Alfredsen, L Emmerich, M Humar, L Meyer-Veltrup	23-20695
13:50-14:10	Field durability testing of wood above ground - Part 2: The full guideline of the Bundle method <u>C Brischke</u> , G Alfredsen, L Emmerich, M Humar, L Meyer-Veltrup	23-20696
14:10-14:30	Laboratory durability testing of preservative treated wood products – first attempts and observations <u>C Brischke</u> , M Sievert, M Schilling, S Bollmus	23-20697
14:30-14:50	Accelerated surface mould testing for exterior wood treatment in Temperate, Tropical and Laboratory environments <u>A Nazeri</u> , J Stenbaek, T R Laursen, A H H Wong, B M Hasnul	23-20699
14:50-15:10	A simple method for assessing the effects of lyctid beetle attack on longitudinal compressive strength of spotted gum sapwood	23-20700

	<u>M Powell</u> , J J Morrell	
15:10-15:30	Establishing the minimum effective penetration of wood preservatives in the refractory heartwood of <i>E. nitens</i> <u>J R Vargas</u> , J J Morrell, L Yermán, K C Wood	23-30780
15:30-15:40	Discussion and questions	
15:40-16:10	Coffee / Tea	

Tully II	Poster Session Convener: Rod Stirling	
16:10-18:00	POSTER PRESENTATIONS – 3 min each	
P01	Reducing successful settlement by shipworm larvae on wood that has been modified using furfurylation <u>L Martin</u> , I Guarneri, S Lande, M Westin, S Cragg	23-11017
P02	Metabolite analysis of fungal COS degradation and phylogenetic investigation of COSase genes <u>R Iizuka</u> , S Hattori, I Ohtsu, D Hibbett, Y Katayama, M Yoshida	23-11018
P03	A novel cellulose-binding domain from the brown-rot fungus <i>Gloeophyllum trabeum</i> <u>Y Kojima</u> , N Sunagawa, M Aoki, M Wada, K Igarashi, M Yoshida	23-11019
P04	Morphological observation of wood at the early stages of decay in brown rot and white rot <u>R Tsukida</u> , T Hatano, Y Kojima, Y Horikawa, S Nakaba, R Funada, M Yoshida	23-11020
P05	The cellulose binding mechanism of a novel cellulose binding domain from the brown-rot fungus <i>Gloeophyllum trabeum</i>	23-11021

	<u>M Aoki</u> , Y Kojima, M Wada, M Yoshida	
P06	Japanese traditional wooden building construction project in Bangkok - Part 2 Verification of termite control method <u>H Ishiyama</u> , S Murakami	23-11022
P07	Effect of volatile organic compounds produced by wood rotting fungi on mycelial growth <u>S Horikawa</u> , R Konuma, M Yoshida	23-11023
P08	Efficacy of a wide-spectrum plant bio-based anti-termite product - Laboratory trials <u>M-F Thévenon</u> , F Chopinet, J Vuillemin, A Robert, S Lafay, D Messaoudi	23-11024
P09	Comparison of culturable fungi found on two types of modified wood cladding <u>G Presley</u> , J Cappellazzi, B Held, R Blanchette	23-11025
P10	Reuse of discarded wood and alternative wood species to replace spruce in the development of wooden windows for complete disassembly – REWINNUSE <u>B Lesar</u> , M Humar, J Levanič, A Treu, A Ugovšek, L Kramarič, B Štrakel, L Križnar, B Šubic, J Gričar	23-30785
P11	Hydrothermal liquefaction of spent mushroom substrate as a source of antifungals <u>A Barbero-López</u> , Y M López-Gómez, J Carrasco, N Jokinen, R Lappalainen, A Haapala	23-30791
P12	Tree bark as a renewable source of wood protection materials for building applications (BarkBuild) <u>A Treu</u> , M Sipponen	23-30792
P13	Above Ground Proximity Decay Field Trial of Modified ACQ-A, Wolman® CA-B and Wolman® CA-C in Taiwan <u>J-Y Gan</u>	23-30793

P14	Envelope wood protection against subterranean termites under H2-hazard class tropical environment by a new generation wood preservative with vegetal extracts-cypermethrin mixtures D Messaoudi, <u>A H H Wong</u>	23-30795
P15	<i>Gleditsia triacanthos</i> tannins for wood coatings <u>CM Ibáñez</u> , E Fernardez	23-40995
P16	Control of Asian subterranean termites <i>Coptotermes gestroi</i> (Blattodea: Rhinotermitidae) by a new generation bait system with vegetal extracts-diflubenzuron mixture F Chopinet, <u>D Messaoudi</u>	23-30797
P17	Modification of Wood by Fast Pyrolysis Bio-Oil – the NewWave Project Concept for Bio-based Wood Treatment <u>A Sandak</u> , J Sandak, F Poohphajai, R Herrera Diaz, A Gubenšek, K Butina Ogorelec, L Kiezebrink, K J Swager, H Heeres, B van de Beld	23-40990
P18	Evaluation of the effectiveness of soaking of high-temperature plywood in low-temperature oil-based wood preservative <u>T Miyauchi</u> , S Isaji, H Shibui, N Furuta, J Miyazaki, H Matusnaga	23-40991
P19	Japanese traditional wooden building construction project in Bangkok - Part 1 Project outline, Building implementation and Effects S Murakami, K Kawaguchi, <u>H Ishiyama</u>	23-40992
P20	Effect of incised pattern on flexural strength and treatment penetration with CLT lamina <u>T Mori</u> , R Takanashi, T Miyauchi, Y Ohashi, S Isaji	23-40993
P21	End-of-life options for engineered wood products / Treated timber in a circular economy <u>H Brooke</u>	23-50383
P22	Utilising novel service life prediction methods for robust and precise Life-Cycle-Costing (LCC)	23-50384

	P B van Niekerk, G Alfredsen, T Kalamees, R Modaresi, <u>A Sandak</u> , J Niklewski, C Brischke	
P23	Structure bioactivity relationships of softwood knot extracts P Gérardin, P Gérardin, D Hentges, S Dumarçay, C Audouin, <u>C Gérardin-Charbonnier</u>	23-11026
P24	Optimization of furfurylic alcohol/tannin ratio to improve the performance of biosourced thermoset resins for wood protection E Azadeh, A Pizzi, P Gérardin, <u>C Gérardin-Charbonnier</u>	23-40994
P25	Comparison of culturable fungi found on two types of modified wood cladding. <u>G Presley</u> , J Cappellazzi, B Held, R Blanchette	23-11025
P26	Potential of plant polyphenol extracts in pesticide formulations against Xylophagus insects <u>K Ruel</u> , D Messaoudi, J-P Joseleau	23-30798

Tuesday 30 May

	Parallel Session B	
Mossman	Working Party 4.4: Coatings, hydrophobic treatments and surface aspects Convener: Sarath Vega Gutierrez	
08:30-08:50	Effects of preservative impregnations on wettability and surface free energy properties of Eucalyptus grandis wood <u>A A Alade</u> , C B Wessels, H Stolze, H Militz	23-40978
08:50-09:10	UV protection and dimensional stability of lignin-based wood treatments R Herrera, O Gordobil, F Poohphajai, <u>A Sandak</u>	23-40979
09:10-09:30	CIOL Wood – towards industrial scale production	23-40980

	<u>E Larnøy</u> , J Bjørnstad	
09:30-09:50	Starch modified with silanes – high hydrophobic surface treatment for wood protection <u>W Perdoch</u> , M Bajstok, B Mazela, I Siemińska, B Peplińska	23-40981
09:50-10:10	Exploring the potential for plasma-assisted coating at atmospheric pressure for wood protection <u>J Profili</u> , G Laroche	23-40982
10:10-10:20	Discussion and Questions	
10:20-10:40	Coffee Break	
Mossman	Working Party 4.1 Chemical Wood Modification Convener: Davor Kržišnik and Per-Otto Flæte	
10:40-11:00	Biological durability and wood-water interactions of sorbitol and citric acid modified wood – Effects on the expected service life <u>K Kurkowiak</u> , L Emmerich, H Militz	23-40960
11:00-11:20	The influence of chemical and thermal modification on homogeneity between sapwood, heartwood, and transition wood of short rotation teak <u>R Martha</u> , B George, W Darmawan, P Gérardin	23-40961
11:20-11:40	Evaluation of the efficacy of silver nanoparticles and chitosan oligomer composites as poplar wood protective treatments against termites E Spavento, <u>M T Troya</u> , M Casado-Sanz, J Martín-Gil, P Matín-Ramos, L Robertson, L Acuña-Rello	23-40963
11:40-12:00	Adhesion and performance of exterior wood coatings on chemically and thermally modified wood – Results from 5.5 years outdoor exposure L Emmerich, <u>H Militz</u>	23-40964
12:00-12:20	Resistance of phenol formaldehyde impregnated beech (<i>Fagus sylvatica</i> L.) LVL against biodegradation in soil contact <u>M Slabohm</u> , C Brischke, S Bicke, H Militz	23-40965
12:20-12:30	Discussion and Questions	

12:30-13:30	Lunch	
Mossman	Working Party 4.5 Thermal Wood Modification and Working Party 4.6 Fire Protection Conveners: Resa Martha and Philippe Gérardin	
13:30-13:50	Properties of thermal modified wood of <i>Pinus pinaster</i> and <i>Pinus radiata</i> from Galicia, Spain <u>D Lorenzo</u> , J Benito, J Arancón, J Crespo	23-40985
13:50-14:10	Modification of Gmelina arborea wood for utilization in Nigeria <u>S O Olaniran</u> , H Militz	23-40986
14:10-14:30	Multi-scale Experimental Study on Self-sustained Smouldering of CCA-treated Timber Poles W Wu, <u>L Yerman</u> , J J Morrell, F Wiesner	23-40988
14:30-14:50	Carbon nanotubes and multifunctional silane additive as fillers in PF resin and their effect on the composite flammability <u>W L Grzeskowiak</u> , B Mazela, T Prowadzisz	23-30783
14:50-15:10	Optimization via artificial intelligence of intumescent coatings for wood substrates <u>E Verret</u> , S Duquesne, A Collin	23-40987
15:10-15:30	Short-term absorption of water and coatings on thermally modified blue-stained spruce wood R Hasanagic, <u>M Bahmani</u> , M Humar, L Fathi, L Cai	23-40984
15:30-15:40	Discussion and Questions	
15:40-16:10	Coffee / Tea	

Wednesday 31 May

Wednesday 31 May		
Parallel Session A		
Kuranda	Working Party 5.1 Environment and Working Party 5.2 Sustainability Conveners: Jeff Keller and Jack Norton	
08:30-08:50	What products are architects using? <u>I de las Casas</u>	23-50374
08:50-09:10	Relationships between deterioration part and structural performance in wooden houses <u>Y Ota</u> , H Ishiyama, S Okamoto	23-50376
09:10-09:30	Improving American Hardwoods Sustainability, Durability and Markets <u>D Brooks</u> , M Snow	23-50378
09:30-09:50	Manipulation of the hierarchical wood structure for extended carbon storage in the built environment <u>T Singh</u> , A Arpanaei, D Elustondo, Q Fu	23-50381
09:50-10:10	Enhanced durability of bio-based materials for green building <u>J Van Acker</u> , L De Ligne, J Vand den Bulcke	23-50382
10:10-10:20	Discussion and Questions	
10:20-10:50	Coffee / Tea	
Kuranda	Working Party 4.2: Wood Composites, WPCs and Engineered Wood Products Convener: Holger Militz	
10:50-11:10	Longitudinal tensile shear properties of polyurethane-bonded preservative-impregnated <i>Eucalyptus grandis</i> laminates subjected to varied simulated climatic conditions <u>A A Alade</u> , C B Wessels	23-40967
11:10-11:30	Estimation of single shear strength performance of screw joints with decayed wood	23-40968

	<u>R Inoue</u> , K Tanaka, T Mori	
11:30-11:50	Investigating the fire properties of a composite material made of MDF-residues, citric acid and sorbitol <u>P T Lewandowski</u> , W Perdoch, E Larnoy, H Militz	23-40969
11:50-12:10	Impacts of elevated moisture levels and subsequent drying on screwed hardwood CLT wall-to-floor connections <u>C M T Roder</u> , C D Gerber, J J Morrell	23-40970
12:10-12:20	Discussion and Questions	
12:30	Excursion	

Wednesday 31 May		
Parallel Session B		
Mossman	Working Party 3.1 Inorganic Preservatives and Working Party 3.2 Organic Preservatives Conveners: Christine Gérardin-Charbonnier and Boštjan Lesar	
08:30-08:50	Influence of weathering of wood surfaces before and after treatment with iron(II) sulphate <u>B Lesar</u> , M Humar, F Osvald	23-30786
08:50-09:10	Geopolymer as a fixation method for tannin-based wood preservatives <u>Y M López-Gómez</u> , A Barbero-López, A Haapala	23-30774
09:10-09:30	Improvement of durability of Scots pine against termites by impregnation with citric acid and glycerol followed by in situ polyesterification M Mubarok, J Damay, E Masson, E Fredon, Y S Hadi, I W Darmawan, <u>P Gérardin</u>	23-30777
09:30-09:50	Tall oil in combination with eugenol for wood protection R Ringman, <u>M Westin</u>	23-30787
09:50-10:10	Geopolymer as a fixation method for tannin-based wood preservatives	23-30790

	<u>Y López-Gómez, A Barbero-López, A Haapala</u>	
10:10-10:30	Identifying compatible waterborne timber preservatives and fire retardants for use in a VPI system: a practical approach <u>R Robinson</u>	23-30796
10:30-10:50	Coffee / Tea	
Mossman	Working Party 1.4 Natural Durability and Working Party 1.5 Marine Conveners: Gerald Presley and Lucy Martin	
10:50-11:10	Durability of fast- and slow-grown Douglas fir in above ground exposures in Australia L P Francis, <u>S Meldrum</u>	23-11009
11:10-11:30	Assessment of the Material Durability and Structural Integrity of the Wooden Velodrome in Češča vas, Slovenia <u>D Kržišnik, M Humar, B Lesar</u>	23-11012
11:30-11:50	Isolation of the microbiota from wood decay insects and some of their enzymatic activities M T Troya, F Llinares, J Arranz, S Izpura-Luis, S M Santos, <u>L Robertson</u>	23-11014
11:50-12:10	Long-term Performance of Treated Timbers in a Sub-tropical Marine Exposure <u>E L Galore, J Norton, A Zahora</u>	23-11015
12:10-12:20	Discussion and Questions	
12:30	Excursion	

Thursday 1 June

Parallel Session A

Kuranda	Working Party 2.1 Prediction of Service Life Conveners: Christian Brischke and Eli Kerzic	
08:30-08:50	Mini-stakes – an alternative test method for EN 252? <u>R Digaitis</u> , A W Christof, J Stenaek, N Morsing	23-20691
08:50-09:10	Optimisation of accelerated weathering procedure as an alternative to natural weathering <u>E Keržič</u> , M Humar, V Vek	23-20693
09:10-09:30	Effect of Moisture Cycles and Timber Treatment on the Performance of Screwed Connections <u>L Yermán</u> , M Xiao, Z Yan, L-M Ottenhaus	23-20694
09:30-09:50	Analytical retentions of active ingredients in H2F treated framing over a 12-year period <u>A Siraa</u>	23-20702
9:50-10:10	Moisture performance of wooden shingles tested on the Golobar cable yarding <u>M Humar</u> , B Lesar, D Kržišnik	23-20704
10:10-10:20	Discussion and Questions	
10:20-10:40	Coffee / Tea	
12:30-13:30	Lunch	

Thursday 1 June

Parallel Session B

Mossman	Working Party 3.3 Performance, Lab and Field Tests Conveners: Laurie Cookson and Tripti Singh	
08:30-08:50	A six-year ground proximity trial of TRU-CORE treatments at Innisfail, Queensland <u>L Cookson</u>	23-30775
08:50-09:10	Suitability of boron preservative treatment of minor species as framing in New Zealand buildings D Page, I Simpson, <u>T Singh</u>	23-30778

09:10-09:30	Challenges in managing very long-term field tests <u>R Stirling</u> , D Wong	23-30779
09:30-09:50	Glued laminated poles - Progress report after 43 years of testing J Jermer, N Terziev, M Westin	23-20692
09:50-10:10	Performance of a noise barrier with different wood materials – results from a service trial after 25 years of exposure J Jermer, <u>M Westin</u>	23-30776
10:10-10:40	Coffee / Tea	
Mossman	Working Party 3.3 Performance, Lab and Field Tests - continued	
10:40-11:00	Long-term field performance of a carbon-based preservative in ground contact test conditions <u>C Wilson</u> , J Zhang, R Stirling	23-30781
11:00-11:20	Field performance of MCA-treated wood in ground contact C Wilson, J Zhang, <u>R Stirling</u>	23-30782
11:20-11:40	Field test methods as long-term aging – report of selective wood properties <u>W Perdoch</u> , M Benc, B Mazela, A Szulc, J Cegiela	23-40962
11:40-11:50	Discussion and Questions	
12:30-13:30	Lunch	

Scientific Plenary Session – Discussion Forum Session Chair: Rod Stirling		
13:30-14:10	Keynote Virtual Reality of Wood Protection D Feng, Y Liu, M Turner, A Limaye, <u>P D Evans</u>	23-20698
14:10-15:00	Discussion: Modern Challenges in Wood Protection Research and Education Panelists: G Kirker, T Singh, A Treu	
15:00-15:30	Coffee / Tea	
Grand Ballroom	Final Plenary Session President: Lone Ross Vice-President: Rod Stirling Secretary-General: Mats Westin	
15:30-16:50	5. Approval of the Annual Report 2022 and Auditor’s report (IRG/WP 23-60516) 6. Granting discharge for the Executive Council and Secretary-General from the administration and accountancy for 2022 7. Approval of membership fees for 2024 8. Approval of the budgets for 2023 (forecast May 2023) and 2024 9. Election of new officers 10. Appointment of auditors 11. Future venues 12. Any other business	23-60516 23-60519 23-60520
18:30	CONFERENCE BANQUET – Grand Ballroom	