

Programme
IRG49 Scientific Conference on Wood Protection, 29 April-3 May 2018, Sandton, South Africa

Sunday 29 April		
7:45	Fun Run The Mushroom FarmPark	
14:30-18:00	Registration Hilton Hotel Sandton, Foyer	
18:00	Welcome reception The Pool Area, Hilton Hotel Sandton	

Monday 30 April		
Ballroom 1	Opening Plenary Session President: Joris Van Acker Vice-President: Lone Ross Gobakken Secretary-General: Mats Westin	
08:30-08:40	Opening Ceremony of the 49th Annual Conference Opening address by Joris Van Acker, President, The International Research Group on Wood Protection Bruce Breedt, Local Organizing Committee	
08:40-09:00	Plenary 1. Opening of the meeting 2. Approval of the agenda 3. Membership issues - Ratification of the election of new members since last year's Plenary 4. Announcement of Ron Cockcroft Award recipients 5. Approval of the Annual Report 2017 and Auditors' report 6. Granting discharge for the Executive Council and Secretary-General from the administration and accountancy for 2017	18-60432 18-60431

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Ballroom 1	Scientific Main Session – keynotes Chair: Lone Ross Gobakken	
09:00-09:30	Pest and pathogens threaten the sustainability of plantation forestry: Global research collaboration will define the future <u>Mike Wingfield</u>	18-50341
09:30-10:00	The Commercial Forestry and Forest Products Industry in South Africa – A brief overview <u>Michael Peter</u>	18-50342
10:00-10:30	An overview of The Wood Preservation Industry in South Africa <u>Bruce Breedt</u>	18-50343
10:30-11:00	Coffee / Tea	
Ballroom 1	Scientific Main Session – section papers Chairs: Magdalena Kutnik, Christian Brischke, Jun Zhang, Tripti Singh, Morten Klamer	
11:00-11:20	Section 1 - Biology Response of the symbiotic flagellate protists community of subterranean termites to sublethal amounts of biocides <u>S Duarte, T Nobre, P Borges, L Nunes</u>	18-10911
11:20-11:40	Section 2 – Test methodology and assessment Towards durability classification of preservative treated wood – first attempts using European standards <u>S Bollmus, A Gellerich, C Brischke, H Militz</u>	18-20638
11:40-12:00	Section 3 – Wood protection chemicals Effects of wood protecting biofinish and linseed oil on fire behaviour and leachability of the fire retardant <u>S Rensink, E J van Niewenhuijzen, M F Sailer</u>	18-30728
12:00-12:20	Section 4 – Processes and properties Wood-Plastic Composites preservation against fire: Nanofillers as fire retardant alternative <u>D Ben Ammar, A Koubaa, S Migneault, H Bouafif</u>	18-40843
12:20-12:40	Section 5 – Sustainability and Environment Declaring life cycle inventory of toxicity related emissions in environmental product declarations of preservative treated wood products <u>L G F Tellnes, C Askham, P-O Flæte, M Klamer</u>	18-50339

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12:40-13:30	Lunch	
	Working Party Sessions	
Ballroom 1	WP 5.1. Environment & 5.2 Sustainability Conveners: Morten Klamer & Dallin Brooks	
13:30-13:50	Influence of different triazoles as co-biocides in wood preservatives on efficacy and the environmental impact M Klamer, T Jensen, S Bang-Achton, E Morsing	18-50333
13:50-14:10	The biodegradation of creosote oil by various species of white rot fungi and bacteria isolated from the contaminated soil M Sydow, J Zabielska-Matejuk, E Kaczorek, A Stangierska, A Kropacz Presented by: <u>Bartłomiej Mazela</u>	18-50334
14:10-14:30	Building with wood in the Arctic <u>J Ruddick</u>	18-50335
14:30-14:50	Long service life or cascading? The environmental impact of maintenance of wood-based materials for building envelope and their recycling options <u>M Petrillo</u> , J Sandak, P Grossi, A Kutnar, A Sandak	18-50336
14:50-15:10	Conversion by insects – alternative method for wood waste up-cycling <u>A Sandak</u> , J Sandak, M Kutnik, I Paulmier, C Brunet, M Petrillo, P Grossi	18-50337
15:10-15:30	Coffee / Tea	
Ballroom 1	WP 5.1. Environment & 5.2 Sustainability (cont.) Conveners: Morten Klamer & Dallin Brooks	
15:30-16:00	Environmental protection and long term in-service sustainability of preserved wooden poles is secured by non-toxic barrier protection system – history and case studies in South Africa <u>A Baecker</u>	18-50340
Ballroom 1	WP 1.3. Insect biology and testing & WP 1.5. Marine Conveners: Maite de Troya & Andreas Treu	
16:00-16:20	Response of Terminalia mantaly H. Perrier wood to beetles tunneling in Southern Nigeria <u>G A Adedeji</u> , U Zakka, A A Aiyeloja, A I Ochuba	18-10918

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16:20-16:40	Hibernation or spring awakening? – The research on wood durability and protection in marine environment <u>A Treu</u> , K Zimmer, C Brischke, E Larnøy, L R Gobakken, F Aloui, S M Cragg, P-O Flæte, M Humar, M Westin	18-10929
16:40-16:50	Performance of acetylated wood in aquatic applications <u>F Bongers</u> , S Palanti, A Gellerich, J J Morrell, J Creemers, J Hague	18-40822
19:00-21:00	President's RECEPTION (upon invitation)	

Working Party Sessions		
Ballroom 3	WP 4.4. Coatings, hydrophobic treatments and surface aspects Conveners: Holger Militz & Solrun Karlsen Lie	
13:30-13:50	In-line quality control of the film thickness in industrial coating processes for exterior cladding <u>U Hundhausen</u> , M Slabohm	18-40835
13:50-14:10	Enhancing service life performance of oak decking and cladding using organosilicon treatments <u>Van Acker</u> , J Van den Bulcke, J-P Lecomte	18-40838
14:10-14:30	Wood Hydrophobic Modification by Mixed Wax Emulsions C Chen, <u>W Wang</u>	18-40839
14:30-14:50	A Synergistically Stabilized Oil-in-Water Paraffin Pickering Emulsion Used in Wood Treatment J Jiang, <u>J Cao</u>	18-40840
14:50-15:10	Visual appearance of unpainted wooden claddings during the first year of outdoor exposure: Evaluation of surface mould growth, lightness (L*) and wasp attack <u>S K Lie</u> , L Ross Gobakken, G I Vestøl, O Høibø	18-40841
15:10-15:30	Coffee / Tea	
Ballroom 3	WP 2.1. Prediction of service life Conveners: Per Otto Flæte & Katrin Zimmer	
15:30-15:50	In-service performance of wood claddings and windows – a Norwegian survey L Ross Gobakken, <u>G Alfredsen</u>	18-20632
15:50-16:10	Simulation and visualization of aesthetic performance of bio-based building skin J Sandak, <u>A Sandak</u> , P Grossi, M Petrillo	18-20633

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16:10-16:30	Colour changes in unpainted wooden façades – Fifty Shades of Grey <u>K Zimmer</u> , L R Gobakken, O Flindall, M Nygaard	18-10903
16:30-16:50	Transfer of research results on the performance of wood and wood-based composites in outdoor applications into praxis <u>B Lesar</u> , J Gričar, D Kržišnik, M Humar	18-20634
16:50-17:10	The impact of coatings on the service life of wood decking <u>R Stirling</u> , D Wong	18-20635
17:10-17:30	Premature failure of wood structures in Use Class 3 caused by decay - some examples from Norway <u>P-O Flæte</u>	18-20643
19:00-21:00	President's RECEPTION (upon invitation)	

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Tuesday 1 May		
Ballroom 1	Special session jointly organised with IUFRO Unit 5.03.00 (Wood Protection): <i>Innovation and Challenges in wood protection against Termites and Wood beetles</i> Conveners: Partho Dhang & Andrew Wong	
08:30-08:50	For the understanding of biological strategies to sustainable pest management: the case of <i>Nasutitermes corniger</i> I Boulogne, <u>N Amusant</u> , R Constantino, M Falkowski, A M S Rodrigues, E Hoël	18-10907
08:50-09:10	Elimination of colonies belonging to higher termite group using insecticide bait: A short review <u>P Dhang</u>	18-10908
09:10-09:30	Protocol of intervention against subterranean termites in urban areas <u>J Galván</u> , D Lorenzo, C Villagrà, L Robertson, R Viñambres, M T Troya	18-20640
09:30-09:50	Evaluation of the Virulence of the Termite Species Occurring in the French Tropical Overseas Territories <u>M Kutnik</u> , I Paulmier, J Vuillemin	18-10913
09:50-10:10	Liquefied wood polyols: Ecofriendly bio-based preservative for sustainable protection of wood from Termite attack <u>A Kumar</u> , A John, T S Mehra, A K Pandey, S Singh Chauhan	18-10916
10:10-10:30	Termite resistance of wood-plastic composites made with acetylated wood flour, coupling agent or zinc borate <u>R E Ibach</u> , Y S Hadi, C M Clemons, S Yusuf	18-10917
10:30-11:00	Coffee / Tea	
Ballroom 1	Special session: Termites and Wood beetles (cont.) Conveners: Partho Dhang & Andrew Wong	
11:00-11:20	Resistance of modified wood to termite attack assessed in laboratory and field testing: A review of internal research L Emmerich, P Gascón-Garrido, <u>H Militz</u>	18-40824
11:20-11:40	Preventive physical barriers against subterranean termites species for building protection: How to implement innovative materials to reach efficacy requirements	18-40845

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	N Delourme-Fonseca, P Poveda, <u>F Simon</u>	
11:40-12:00	Superior kempas hardwood protection with two proprietary microemulsion termiticides based on permethrin and cypermethrin against <i>Coptotermes</i> termite attack under H2 and H3 weathered conditions found in buildings D Messaoudi, <u>A H H Wong</u> , C A D Tawi, N Bourguiba, O Fahy	18-10931
12:00-12:20	Absence of rubberwood protection dip-treated with a glycol/borate against drywood termite <i>Cryptotermes</i> spp <u>A H H Wong</u> , C A D Tawi, P Dhang	18-10932
12:20-12:40	Spanish termites standard UNE 56418:2016 “Protocol of action in urban areas affected by subterranean termite attacks”. Example of application of the standard in a real case in the old city of Vigo, Spain D Lorenzo, A Lozano, M Touza, J Benito, M T de Troya, J Galván, L Robertson	18-10912
12:40-13:30	Lunch	
Ballroom 1	Special session: Termites and Wood beetles (cont.) Conveners: Partho Dhang & Andrew Wong	
13:30-13:50	Biocontrol of wood decay insects and nematodes as an alternative to traditional chemical treatments L Robertson, J F Galván, F Llinares, R Viñambres, <u>M T de Troya</u>	18-10914
13:50-14:10	Termite species associated with processed wood in South America C Jorge, <u>M Ibáñez</u>	18-10934
14:10-14:30	Efficacy of Xotic Wood Preservative to control termites attack on <i>Pinus patula</i> wood <u>H Jenya</u> , G Meke	18-10915
14:30-14:50	Effects of teak, <i>Tectona grandis</i> Linn, heartwood extractives against <i>Heterotermes indicola</i> (Isoptera; Rhinotermitidae) B Hassan, S Ahmed, M Mankowski, G Kirker, <u>R E Ibach</u> , M Misbah ul Haq	18-10910
14:50-15:10	Questions	
15:10-15:30	Coffee / Tea	

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<i>Ballroom 1</i>	Poster Session Convener: Joris Van Acker	
16:45-17:45	POSTER SESSION – 3 min presentations	
P01	Evaluation of the effect of zwitterionic buffers on termite gut protists <u>S Duarte</u> , D Jones, L Nunes	18-10933
P02	Rapid Screening test of potential antimicrobial agents for wood coatings <u>J Stenbæk</u> , E Morsing, T Ø Jensen.	18-20644
P03	Bio-preservative properties of technical lignins from South African pulp mills: An investigation towards a conceptualized development of natural compound-based wood preservatives <u>A Alade</u> , L Tyhoda, M Meincken	18-30724
P04	Mechanism of nano metal fluorides against fungi <u>S Usmani</u> , K Klutzny, I Stephan, T Hübert, E Kemnitz	18-30730
P05	Properties and potential use of <i>Irvingia gabonensis</i> and <i>Irvingia wombolu</i> kernel extracts as natural wood adhesives: Towards formaldehyde free wood composite products <u>A O Alawode</u> , S O Amiandamhen, M Meincken, L Tyhoda	18-40832
P06	Thermally modified timber treated with methacrylate <u>O Karlsson</u> , O Myronycheva, D Jones, D Elustondo, D Sandberg	18-40837
P07	On the natural durability of RED MERANTI for window frames as a function of gross density wood. K Hasse, <u>W Unger</u> , T L Woods	18-10927
P08	The anatomical determination of wood samples found in the “Fürstengräber” from Lübsow (Poland) J Schuster, <u>W Unger</u> , T L Woods	18-10930
P09	Polyesterification of wood using sorbitol and citric acid under aqueous conditions <u>E Larnøy</u> , A Karaca, L R Gobakken, C A S Hill	18-40851
P10	Efficacy of some soil termiticides tested according to “Modified Ground Board Test” <u>C Vongkaluang</u> , K Charoenkrung, N Same Rain	18-10935
P11	A Conceptual Review of Young People’s Perceptions about Wood <u>I Usta</u>	18-40836

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P12	Depictions on Wood: Acceptation and Internalization of Wood, which is an intercultural interaction tool, as "A Valuable Object" (Wood is the Material of Endless Possibilities) <u>I Usta</u>	18-40837
Poster session RECEPTION		

Working Party Sessions		
Ballroom 3	WP 4.1. Chemical wood modification Conveners: Greeley Beck & Ferry Bongers	
13:30-13:50	Long-term performance of DMDHEU-treated wood exposed in ground, above ground and in the marine environment <u>L Emmerich</u> , H Militz, C Brischke	18-40825
13:50-14:10	Multiscale modification of water resistance and dimensional stability of <i>Populus cathayana</i> by alkali lignin combined with heat treatment H Zhou, J Li, <u>E Ma</u>	18-40826
14:10-14:30	Recent findings clarifying the mechanism of brown-rot decay protection in acetylated wood <u>G Beck</u>	18-40827
14:30-14:50	Thermodynamic properties of furfurylated wood during moisture adsorption process J Wang, <u>J Cao</u> , T Yang, E Ma, W Wang	18-40828
14:50-15:10	An examination of the potential for the use of the Maillard reaction to modify Wood <u>K Peeters</u> , E Larnøy, A Kutnar, Č Tavzes, C A S Hill	18-40829
15:10-15:30	Coffee / Tea	
Ballroom 3	WP 4.1. Chemical wood modification (cont.) Conveners: Greeley Beck & Ferry Bongers	
15:30-15:50	Hydrolytic stabilization of chemically modified <i>Bambusa vulgaris</i> Shrad ex JC Wendl <u>N A Sadiku</u> , S M Akintayo	18-40830

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15:50-16:10	Reactivity of alkoxysilanes with cellulose and lignin in presence of catalysts <u>J Siuda</u> , W Perdoch, B Mazela, M Zborowska	18-40831
16:10-16:30	Enhancing Our Understanding of Brown Rot Mechanisms through Catalytic Pretreatment and Cellulase Cocktail Treatments S Tabor, L Orjuela, D Contreras, G Alfredsen, J Jellison, S Renneckar, <u>B Goodell</u>	18-10909
Ballroom 1	Poster Session Convener: Joris Van Acker	
16:45-17:45	POSTER SESSION – 3 min presentations	
	Poster session RECEPTION	

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Wednesday 2 May		
Working Party Sessions		
Ballroom 1	WP 1.4. Natural durability Conveners: Becky Ibach & Kévin Candelier	
08:30-08:50	Material Resistance and Chemical Composition of Italian Stone Pine (<i>Pinus pinea</i>) <u>M Humar</u> , M De Angelis, M Romagnoli, V Vek, I Poljanšek, P Oven, N Thaler, B Lesar, D Kržišnik	18-20645
08:50-09:10	Wood chemistry completes natural durability as criteria for shorting best provenances in the improvement of teakwood quality: case of five provenances from Ivorian Séguié's trial F B Niamke, <u>N Amusant</u> , A A Adima, A A Kadio, G Chaix, C Jay-Allemand	18-10920
09:10-09:30	Understanding of the effect of ancestral and natural saltwater treatment on durability, fibers densification and chemical modification of palm wood M T Elaieb, A Namsi, M Tella, M-F Thévenon, <u>K Candelier</u>	18-10921
09:30-09:50	Natural resistance of <i>Bambusa vulgaris</i> to termite and powder-post beetle attack in laboratory and graveyard tests <u>N A Sadiku</u> , S O Bada	18-10925
09:50-10:10	Use of x-ray microdensitometry for assessing the resistance to the fungus <i>C puteana</i> of a hybrid larches population <u>S Palanti</u> , F Alderighi, F Stefani, J P Charpentier, L E Pâques	18-10923
10:10-10:30	Assessment of the durability of a lesser known species (<i>Borassus aethiopum</i> Mart.) against termite and fungi from different ecozones in Nigeria O O Yekin, <u>A R Ojo</u>	18-10924
10:30-11:00	Coffee / Tea	

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<i>Ballroom 1</i>	WP 1.4. Natural durability (cont.) Conveners: Becky Ibach & Kévin Candelier	
11:00-11:20	Impact of sapwood portions on the durability of adjacent heartwood of <i>Pinus sylvestris</i>, <i>Pseudotsuga menziesii</i> and <i>Quercus robur</i>. Part 1: Laboratory studies <u>C Brischke</u> , P Homann, A Gellerich	18-10922
11:20-11:40	Natural durability, ethanol-toluene extractives and phenol content prediction of eight wood species from Madagascar using NIRS multispecific models <u>A R Razafimahatratra</u> , H Rakotovololonalimanana, M-F Thévenon, C Belloncle, G Chaix, T Ramananantoandro	18-10926
11:40-12:00	Study of the effect of extractives on the natural durability of <i>Eucalyptus bosistoana</i> wood <u>M Ibáñez</u> , C Mantero, N Silva, F Resquín	18-10928
12:00-12:40	Preliminary Investigation into the Natural Decay Resistance of Nigerian Grown <i>Hevea brasiliensis</i> and <i>Mitragyna ciliata</i> wood to <i>Phanerochaete chrysosporium</i> White-Rot Fungus <u>J M Owoyemi</u> , O U Emmanuel	18-10919
13:00	Excursion with picnic lunch package	
	Excursion	
13:00-23:00	Excursion to Maropeng and visit to The Lion and Safari park	

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Working Party Sessions		
Ballroom 3	WP 1.2. Basidiomycetes & WP 2.2. Microbial test methodology Conveners: Susanne Bollmus & Eric Gelhaye	
08:30-08:50	Imports of African logs, do they harbor wood-decaying alien fungi and bacteria that could become a potential threat at temperate latitudes? – First results <u>J Trautner</u> , M Höpken, E Melcher	18-10904
08:50-09:10	Impact of temperature and relative humidity on spatio-temporal fungal growth dynamics of Basidiomycetes <u>L De Ligne</u> , G Vidal-Diez de Ulzurrun, J Van den Bulcke, J M Baetens, B De Baets, J Van Acker	18-10905
09:10-09:30	Interactions between wood polyphenols and detoxification enzymes of the white rot <i>Trametes versicolor</i> M Schwartz, T Perrot, E Aubert, S Dumarçay, F Favier, P Gérardin, M Morel-Rouhier, G Mulliert, F Saiag, C Didierjean, <u>E Gelhaye</u>	18-10906
09:30-09:50	The Impact of Cryopreservation Techniques and of Water Quality on the Wood Degrading Ability of Fungal Strains: Recommendations for Maintenance and Culturing Procedures A Stum, M Montibus, I le Bayon, <u>M Kutnik</u>	18-20636
09:50-10:10	Testing the durability of timber products above ground using the block-test method – A critical review <u>C Brischke</u> , A Gellerich, H Militz	18-20637
10:10-10:30	Above-ground testing methods – review of Rotorua, New Zealand test site results after ten years D Page, <u>T Singh</u>	18-20642
10:30-11:00	Coffee / Tea	
Ballroom 3	WP 3.2. Organic preservatives Conveners: Elke van Niewenhuijzen & Waldek Perdoch	
11:00-11:20	Encapsulation of chlorothalonil with polylactic acid using nanoprecipitation method for rubberwood preservation <u>T-J Teng</u> , M N M Arip, R Kadir, E-P Ng, H-L Lee	18-30722
11:20-11:40	Chemical composition and termiticidal activity of <i>Khaya ivorensis</i> stem bark extracts on woods <u>G A Adedeji</u> , O Y Ogunsanwo, F S Eguankun, T O Elufioye	18-30723

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11:40-12:00	Liquefied wood polyols: a bio-based preservative for protection of wood from fungal decay <u>A Kumar</u> , G Vijaylakshmi, S Singh Chauhan	18-30725
12:00-12:40	Questions	
13:00	Excursion with picnic lunch package	

	Excursion	
13:00-23:00	Excursion to Maropeng and visit to The Lion and Safari park	

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Thursday 3 May		
	Working Party Session	
Ballroom 1	WP 4.3. Treating processes & treatability of timber & WP 4.5. Thermal wood modification Conveners: Julien Trompetter & Phillippe Gérardin	
08:30-08:50	Interaction of Boultonizing and through-boring of Douglas fir sapwood <u>F Gasteiger</u> , J Lloyd, A Taylor	18-40833
08:50-09:10	Performance of internal remedial treatments to arrest fungal attack in poles and large timbers <u>J J Morrell</u>	18-40834
09:10-09:30	Study of the Factors Influencing the Treatability of Fir (<i>Abies alba</i>) T Delobel, J-D Lanvin, <u>M Kutnik</u> , E Raphalen, D Michaud, C Dubois	18-40850
09:30-09:50	FTIR-ATR monitoring of chemical changes of thermo-chemically modified beech wood degraded by brown-rot fungus <u>C Grosse</u> , M Noël, M-F Thevenon, P Gérardin	18-40823
09:50-10:10	Improvement of short rotation teak wood properties through thermal modification L A Pratiwi, I W Darmawan, B George, A Merlin, C Gérardin, S Dumarçay, T Priadi, <u>P Gérardin</u>	18-40842
10:10-10:30	Developments within COST Action FP1303 related to the modification of Wood <u>D Jones</u>	18-40847
10:30-11:00	Coffee / Tea	
Ballroom 1	Working Party Session WP 4.6. Fire protection & 4.7. Protection by design Conveners: Ulrich Hundhausen & Boštjan Lesar	
11:00-11:20	The Study of the Preparation of Overlaid MDF with the Flame Retardant Impregnated Paper <u>W Qu</u> , M Wu, Y-Z Wu	18-40848
11:20-11:40	Self-Extinguishment Phenomena of Mass Timber in Medium-Scale Compartment Fires <u>C Gorska</u> , J P Hidalgo	18-30729

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11:40-12:00	Selection of heat flux value for wood fire retardants testing using MLC B Mazela, <u>W Perdoch</u> , W Grzeškowiak, A Batista	18-40846
12:00-12:20	Performance of wood exterior structures above ground in Spain - the situation case of a shelter bridge <u>D Lorenzo</u> , M Touza, J Fernández-Golfín, A Lozano, J Benito	18-40844
12:20-12:40	Questions	
12:40-13:30	Lunch	

Working Party Sessions		
Ballroom 3	WP 2.4. International Standardisation & WP 3.3. Performance - lab & field tests Conveners: Bart Mazela & Sabrina Palanti	
08:30-08:50	Certification system for treated wood and wood preservative in the relation to regulations in Japan <u>K Yamamoto</u> , I Momohara	18-20639
08:50-09:10	Can CCA be substituted as reference preservative? N Tertiev, M Jebrane, P Larsson Brelid, <u>N Morsing</u> , P-O Flaete, P Torniainen, J S Kim, G Daniel	18-20641
09:10-09:30	Glueline fungicides in veneer based engineered wood products – updated results from laboratory work for the H1.2 hazard class in New Zealand <u>A Siraa</u> , K Day, B Kibby	18-30726
09:30-09:50	Degradation of Eucalyptus transmission poles varies across regions in Zambia <u>P Ng'andwe</u> , D Chungu, E Ncube	18-30727
09:50-10:10	Questions	
10:30-11:00	Coffee / Tea	

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<i>Ballroom 1</i>	Scientific Plenary Session – Discussion Forum Session Chairs: Lone Ross Gobakken & Christian Brischke	
13:30-15:00	<i>“Stakeholders involvement for effective knowledge transfer within the wood protection sector”</i> Introduction: Enhancing knowledge transfer in the wood protection sector C Brischke, G Alfredsen, S Bollmus, M Humar, D Jones, L Meyer-Veltrup, L Nunes Commentary: Preserved Wood in the Story of Sustainable Forestry D Brooks Commentary: F Bongers, S Uphill Discussion	 18-50338 18-50344 18-50345
15:00-15:30	Coffee / Tea	
<i>Ballroom 1</i>	Final Plenary Session President: Joris Van Acker Vice-President: Lone Ross Gobakken Secretary-General: Mats Westin	
15:30-16:30	7. Approval of membership fees for 2019 8. Approval of the budgets for 2018 (forecast May 2018) and 2019 9. Election of new officers -Executive Council, Scientific Programme Committee, Information on EC appointments 10. IRG Secretariat and Secretary-General 11. Appointment of auditors 12. Future venues IRG 50: Quebec City, Canada, 12-16 May 2019; IRG 51: Bled, Slovenia, IRG 52 13. Any other business	 18-60435 18-60436
19:30	CONFERENCE BANQUET (Hilton Hotel Sandton)	