

Programme

**The 45th Annual meeting of the International Research Group on Wood Protection (IRG45)
11-15 May 2014, St. George, Utah, USA**

Sunday 11 May		
15:00-18:30	Registration	
18:30-21:00	Welcome reception	
Monday 12 May		
<i>Ballroom EF</i>	Opening Plenary Session President: Jeff Lloyd Vice-President: Joris Van Acker Secretary-General: Jöran Jermer	
08:30-08:50	<p>Opening Ceremony of the 45th Annual Meeting Opening addresses by Jeff Lloyd, President, The International Research Group on Wood Protection</p>	
08:50-09:20	<p>Plenary</p> <ol style="list-style-type: none"> 1. Opening of the meeting 2. Approval of the agenda 3. Membership issues <ul style="list-style-type: none"> -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 2013 and Auditors' report 6. Granting discharge for the Executive Council and Secretary-General from the administration and accountancy for 2013 7. IRG Strategic Statement and Framework – Progress report 	<p>14-60359</p> <p>14-60357</p>

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<i>Ballroom EF</i>	Scientific Main Session Chairman: Joris Van Acker	
09:20-10:00	Keynote: North American Wood Crosstie Industry Update: Research, Economics, Procurement and Output <u>J Gauntt</u>	
10:00-10:30	Coffee / Tea	
<i>Ballroom EF</i>	Scientific Main Sessions Co-conveners: Lina Nunes, Gry Alfredsen, Thomas Mark Venaas, Hiroshi Matsunaga, Adam Taylor	
10:30-10:55	The Chelator Mediated Fenton System in the Brown Rot Fungi: Details of the Mechanism, and Reasons Why it has Been Ineffective as a Biomimetic Treatment in some Biomass Applications – a Review <u>B S Goodell</u> , M Nakamura, J Jellison	14-10828
10:55-11:20	Scanning Transmission X-ray Microscopy as a tool for examining chemical changes in wood cell walls due to enzymatic activity <u>D Jeremic</u> , R Goacher, R Yan, C Karunakaran, E R Master	14-20556
11:20-11:45	Cost effective extension of service life of bridge tie (sleepers) - Effectively applying borate during Boulton conditioning and treatment with copper naphthenate J D Lloyd, T Chambers, <u>J-W Kim</u>	14-30637
11:45-12:10	Full-scale impregnation of wood with siloxane using supercritical carbon dioxide <u>A Kjellow</u> , F Imsgard, J Fernandes, R Wagner, J Delis	14-40659
12:10-12:35	Hydroponic Phytoremediation of Chromated Copper Arsenate (CCA) and Copper Contaminated Water C Keith, <u>H Borazjani</u> , S Diehl, Y Su, Fengxian Han, B Baldwin	14-50304
12:35-13:30	Lunch	

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<i>Ballroom EF</i>	Special Seminar on Protecting railway sleepers and bridge timbers Co-conveners: Jim Gauntt, Thomas Mark Venaas, Hiroshi Matsunaga	
13:30-14:00	Ammoniacal Copper Zinc Arsenate Preservative Treated Wood Ties Their Performance in Testing and Track <u>T Carey</u>	14-30636
14:00-14:20	Borate treatment of green ties: An initial report on the effects on mechanical properties <u>A M Taylor</u> , J D Lloyd	14-40686
14:20-14:40	Creosote – Preservative of Choice by American Railroads <u>D A Webb</u>	14-30658
14:40-15:00	CreoSub New protection technology to substitute creosote in railway sleepers, timber bridges, and utility poles U Hundhausen, <u>K-C Mahnert</u> , A Gellerich, H. Militz	14-30644
15:00-15:30	Coffee / Tea	
<i>Ballroom EF</i>	Special Seminar on Protecting railway sleepers and bridge timbers Co-conveners: Jim Gauntt, Thomas Mark Venaas, Hiroshi Matsunaga	
15:30-15:50	Laboratory investigation of fire protection coatings for creosote-treated timber railroad bridges <u>C A Clausen</u> , R H White, J P Wacker, S T Lebow, M A Dietenberger, S L Zelinka, N M Stark	14-30639
15:50-16:10	New Method for Pretreatment of Railroad Crossties A S Ross, <u>R W Clawson Jr</u>	14-40675
16:10-16:30	Encapsulation Systems Combined with DOT Borate Treatments – The Future of Treated Crossties <u>S C Kitchens</u> , T L Amburgey	14-40670
16:30-16:50	Douglas-fir PSL Treated with Oilborne Copper Naphthenate – Treatment Experience & Efficacy <u>P Merrick</u>	14-40687
16:50-17:10	Copper naphthenate treatment for wood crossties and timbers <u>J Brient</u>	14-30647
17:10-17:30	Comparison of gauge and assay retention in crossties treated with copper naphthenate <u>J Brient</u> , H Tomlinson, J Hughes	14-40667
18:30-19:30	President's RECEPTION	

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Ballroom C	Working Party Session WP 2.2. Microbial test methodology Conveners: Annica Pilgård / Eric Gelhaye	
13:30-13:50	Using hyperspectral imaging to detect and quantify mould and blue stain on coated and uncoated wood L Ross Gobakken, I Burud, A Flø, K Kvaal, T K Thiis	14-10822
13:50-14:10	Communities of mold fungi in moisture damaged building materials E Sohlberg, H Viitanen	14-20542
14:10-14:30	Effectiveness of Copper Indicators in Treated Wood Exposed to Copper Tolerant Fungi L Jin, K Brown, A Zahora, K Archer	14-20554
14:30-14:50	In-ground durability of wood-based products – Comparative assessment of graveyard field tests and terrestrial microcosms A Soetbeer, L Meyer, C Brischke, P Larsson-Brelid, J Jermer	14-20538
14:50-15:00	Questions	
15:00-15:30	Coffee / Tea	
Ballroom C	Working Party Session WP 2.2. Microbial test methodology Conveners: Annica Pilgård / Eric Gelhaye	
15:30-15:50	Selection of Wood-Rotting Basidiomycetes for Inoculation of an Accelerated Soil Bed Test P I Morris, A Uzunovic, J Ingram	14-20543
15:50-16:10	The Development of Accelerated test systems to evaluate the durability of framing timber T Singh, D Page, J van der Waals	14-20547
16:10-16:30	A screening of factors that might influence the result of laboratory decay tests E Larnøy, G Alfredsen, A Treu, S Kolstad	14-20548
16:30-16:50	Screening method to test efficacy of fumigants against fungi and preliminary data on the efficacy of sulfuryl fluoride A Uzunovic, A Mukherjee, R Mack, P Elder, S Myers	14-20551
16:50-17:30	Discussion / Questions	
18:30-20:30	President's RECEPTION	

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Tuesday 13 May

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Ballroom EF	Working Party Session WP 4.3. Treating processes & treatability of timber Conveners: Elaina Jackson / Julien Trompetter	
08:40-09:00	A guideline for sorting easy to impregnate Scots pine sapwood based on three treatability studies from Northern Europe K Zimmer, <u>E Larnøy</u> , A Treu	14-40669
09:00-09:20	VOC-free remedial treatment agent on organic solvent basis with surface cleaning by photocatalysis using titanium dioxide <u>H Ahl</u> , J Fromm, P Jüngel, E Melcher, M Pallaske	14-40651
09:20-09:40	On-site remediation treatments for framing timber in leaky buildings <u>T Singh</u> , D Page, A Bennett	14-20549
10:00-10:30	Coffee / Tea	
Ballroom EF	Working Party Session WP 1.2. Basidiomycetes Conveners: Claudia Ibáñez / Katie Jenkins	
10:30-10:50	Emerging function for a glutathione transferase in response to wood extractives toxicity A Thuillier, K Chibani, A Deroy, S Dumarçay, <u>P Gérardin</u> , A Kohler, J-P Jacquot, E Gelhaye, M Morel-Rouhier	14-10824
10:50-11:10	Molecular characterization and biodiversity of wood-decaying fungi in French Guiana <u>A Zaremski</u> , L Gastonguay, C Zaremski, J Beauchene	14-10825
11:10-11:30	Microbial Community Analysis of Naturally Durable Wood in an Above Ground Field Test <u>G T Kirker</u> , S V Diehl, P K Lebow	14-10826
11:30-11:50	Protein extraction from wood decay fungus <i>Postia placenta</i> <u>A Pilgård</u> , P Arnold, K Richter	14-10827
11:50-12:10	The effects of copper proximity on oxalate production in <i>Fibroporia radiculosa</i> <u>K M Jenkins</u> , C A Clausen, F Green III	14-10823
12:30-13:30	Lunch	

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Ballroom C	Working Party Session WP 4.2. Wood composites, WPCs and Engineered wood products Convener: Paul Merrick	
08:40-09:00	Nano-Zycol in MDF. Part I: Gas and Liquid Permeability H Reza Taghiyari, A Karimi, P M D Tahir, O Schmidt, E Bari, P Nouri, A Jahangiri	14-40652
09:00-09:20	Effect of silver nanoparticles on the rate of heat transfer to the core of the medium-density fiberboard mat H Reza Taghiyari, O Schmidt, E Bari, P M Tahir, A Karimi, P Nouri, A Jahangiri	14-40653
09:20-09:40	Comparison of untreated plywood and untreated LVL in a field trial against <i>Coptotermes acinaciformis</i> and in laboratory trials against <i>Tyromyces palustris</i> and <i>Coniophora puteana</i> A Siraa, K Day, S Millward, P Lobb – G Rassam	14-40671
09:40-10:00	The susceptibility of oriented structural straw board (OSSB) to damage by subterranean wood-destroying and grass-feeding termites in Australia J Hague, D Scown, J Creffield, M Neal	14-40683
10:00-10:30	Coffee / Tea	
Ballroom C	Working Party Session WP 4.2. Wood composites, WPCs and Engineered wood products Convener: Paul Merrick	
10:30-10:50	Thermal durability and biodegradation of tannin lignin adhesives L Chupin, B Charrier, A Pizzi, F Charrier	14-40657
10:50-11:10	Decay resistance of wood-plastic composites reinforced with extracted or delignified wood flour R E Ibach, Yao Chen, N M Stark, M A Tshabalala, Yongming Fan, Jianmin Gao	14-40655
11:10-11:30	Modern Instrumental Methods to Investigate the Mechanism of Biological Decay in WPC's G Sun, R Ibach, M Gnatowski, J Glaeser, M Leung, J Haight	14-40674
11:30-11:50	Biological durability of natural fibre reinforced composites N Defoirdt, I De Windt, J Van den Bulcke, J Van Acker	14-40681
11:50-12:10	Dynamic mechanical analysis (DMA) of nano cupric oxide (CuO) modified aqueous phenol formaldehyde (PF) Wei Gao, Guanben Du	14-40654
12:30-13:30	Lunch	

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Ballroom EF	Working Party Session WP 3.3. Performance - lab & field tests Convener: Andrew Zahora	
13:30-13:50	Study of the effectiveness of wood products for permanent protection against <i>Fusarium circinatum</i> M T Troya, M Conde, R Raposo, F Llinares, M Elvira-Recuenco	14-30655
13:50-14:10	Efficacy of commercial wood preservatives against <i>Bursaphelenchus xylophilus</i>, a quarantine organism in Eur C S Arcos, A Navas, L Robertson, M T Troya, M Conde, F Llinares	14-30638
14:10-14:30	Field trials results of preservative treated ground contact stake conducted in Korea Dong Won Son, Won Jung Hwang, Hyun-mi Lee, Dong-heub Lee, Sang-bum Park	14-30640
14:30-14:50	Three-year field test of preservative-treated Canadian species in Korea Jieying Wang, Jong Bum Ra, P I Morris	14-30646
15:00-15:30	Coffee / Tea	
Ballroom EF	Working Party Session WP 3.3. Performance - lab & field tests Convener: Andrew Zahora	
15:30-15:50	Field performance of wax treated wood C Brischke, E Melcher	14-30649
15:50-16:10	Using Commercial Water Repellent Chemicals on Wood Protection G Köse, A Temiz, S Demirel, O E Özkan	14-30656
16:10-16:30	Field performance of wood-based decking materials in the Western United States S Lipeh, C S Love, J J Morrell	14-30645
16:30-16:50	Reducing Extractives Stain in Western Red Cedar Sidewall Shingles R Stirling	14-30654
16:50-17:10	Resistance to Decay Fungi of Scots Pine Impregnated with Natural and Chemical Preservatives S Yildiz, U B Şimşek – A Temiz	14-30650
17:10-17:30	Fire resistance of wood treated with potassium carbonate and silanes B Mazela, M Broda, W Perdoch	14-30657
17:30-18:30	Poster session	

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Ballroom C	Working Party Session WP 2.3. Chemical/physical analysis Conveners: Bruce Breedt / Christoph Schauwecker	
13:30-13:50	Colorimetric evaluation of three tropical woods after accelerated weathering R Faustino Teles, A Florian da Costa	14-20541
13:50-14:10	Visualization of gold/silver nanostars in wood by surface enhanced Raman spectroscopy C Geers, L Rodríguez-Lorenzo, M Placencia Peña, P Brodard, T Volkmer, B Rothen-Rutishauser, A Petri-Fink	14-30653
14:10-14:30	Nondestructive detection of biodeterioration in Indonesian traditional wooden construction of "Joglo" using U/S Y Yanase, T Mori, T Yoshimura, Y P Prihatmaji, J Sulisty, S Doi	14-10834
14:30-14:50	Moisture dynamics of wood and wood-based products – Results from an inter-laboratory test C Brischke, L Meyer, C Hesse, J Van Acker, I De Windt, J Van den Bulcke, E Conti, M Humar, H Viitanen, M Kutnik, L Malassenet	14-20539
15:00-15:30	Coffee / Tea	
Ballroom C	Working Party Session WP 1.3. Insect biology and testing Conveners: Magdalena Kutnik / Don Ewart	
15:30-15:50	Observation of Boring Process of Larvae of the Bamboo Powder-post Beetle (<i>Dinoderus minutus</i>) Using X-ray CT Watanabe, Y Yanase, Y Fujii	14-10821
15:50-16:10	Changes in bacterial gut community of <i>Reticulitermes flavipes</i> and <i>R. tibialis</i> banks after feeding on termiticidal bait R A Arango, F Green III, K F Raffa	14-10819
16:10-16:30	Is there a role for termite alates in colony expansion in Wisconsin? F Green III, R A Arango, G R Esenther, T G Shelton	14-10820
16:30-16:50	A comparison of the resistance of pyrethroid-treated wood to damage by <i>Coptotermes acinaciformis</i> in Australia and <i>C. formosanus</i> in China and the USA J Creffield, M Lenz, D Scown, T Evans, Junhong Zhong, B Kard, J Hague, K Brown, E Freytag, J Curole, R Smith, T Shupe	14-10830
16:50-17:10	Termite resistance of wood modified with short- and long-chain siloxanes P Gascón-Garrido, M-F Thévenon, H Militz, C Mai	14-40660
17:10-17:30	CodeMarked™ pre-construction termite management systems in the protection of wood-in-service in Australia B M Ahmed (Shiday), J R J French	14-10814
17:30-18:30	Poster session	

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17:30-18:30	POSTER SESSION	
	<p align="center">Durability and Wood Protection for Historic Covered Bridges in the United States V W Yang, C A Clausen</p>	14-10829
	<p align="center">Termiticide Residues in Gravel Fill B M Kard, C E Konemann, K T Shelton, C C Luper, R A Grantham, M E Payton</p>	14-20553
	<p align="center">Micronized copper formulations for wood protection: ion vs. particle effect C Civard, F W M R Schwarze, P Wick</p>	
	<p align="center">Mycotoxin Production on Water Damaged Building Materials F Skrobot III, S V Diehl</p>	
	<p align="center">Treatment of Bio-oil Refinery stormwater by a simulated constructed wetland: A sustainable management alternative K Kraszewska, S V Diehl, H Borazjani</p>	
	<p align="center">Role of laccase in Fenton chemistry in wood degradation by copper tolerant brown rot fungus <i>Fibroporia radiculosa</i> A Akgul, D Jeremic, S V Diehl</p>	
	<p align="center">Relationships between wood development and regulation of flowering time in <i>Populus deltoides</i> A Akgul, Chuan-Yu Hsu, Ayfer Akgul, S V Diehl</p>	

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Wednesday 14 May		
Ballroom EF	Working Party Session WP 1.4. Natural durability Convener: Grant Kirker	
08:20-08:40	An Overview of Western Red Cedar as a Wood Pole Species <u>M H Freeman</u> , R Stirling	14-10815
08:40-09:00	Performance of recent and old Sweet chestnut (<i>Castanea sativa</i>) wood <u>M Humar</u> , M Žlahtič, N Thaler	14-10816
09:00-09:20	Natural durability of plantation-grown coast redwood (<i>Sequoia sempervirens</i>) in New Zealand <u>D O'Callahan</u> , T Jones, C Low, C Chittenden	14-10817
09:20-09:40	Variability in durability of some selected South-American wood species <u>I De Windt</u> , P 't Hooft, J Van den Bulcke, J Van Acker	14-10831
09:40-10:00	Discussion / Questions	
10:00-10:30	Coffee / Tea	
Ballroom EF	Working Party Session WP 2.1. Prediction of service life Convener: Christian Brischke	
10:30-10:50	Performance classification of wood in construction – drafting a user friendly European standard E Suttie, C Brischke, L Meyer, <u>J Van Acker</u> , M Kutnik, E Heisel, F Englund, J Jermer, S Thelandersson, M Polášek, D Lorenzo	14-20545
10:50-11:10	Moisture performance testing of wood – Practical experiences <u>L Meyer</u> , C Brischke, M Kasselmann, C Rösman	14-20546
11:10-11:30	Moisture dynamics of wood – an approach to implement wetting ability of wood into a resistance classification concept C Brischke, C Hesse, L Meyer, S Bardage, <u>J Jermer</u> , T Isaksson	14-20557
11:30-11:50	Critical parameters on moisture dynamics in relation to time of wetness as factor in service life prediction <u>J Van Acker</u> , I De Windt, W Li, J Van den Bulcke	14-20555

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11:50-12:10	Changes in mechanical and chemical properties of wood exposed outdoors <u>N Thaler</u> , C Brischke, D Žlindra, V Vek, M Humar	14-20550
12:10-12:30	Statistical analysis of 40 years of preservative in-ground stake testing in Australia <u>J Van den Bulcke</u> , L J Cookson, I De Windt, W Li, J Van Acker	14-20552
12:30-12:30	Excursion departs	

Excursion		
12:30-22:30		

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Ballroom C	Working Party Session WP 4.1. Chemical wood modification	
	Convener: Erik Larnøy	
08:20-08:40	Possible targets of wood modification in brown rot degradation R Ringman, A Pilgård, G Alfredsen, B Goodell, K Richter	14-40676
08:40-09:00	The resistance of Accoya® and Tricoya® to attack by wood-destroying fungi and termites J Alexander, J Hague, F Bongers, Y Imamura, M Roberts	14-40658
09:00-09:20	Compatibility of Acetylated Wood and Wet Concrete R Rowell, C Lankveld, J Alexander	14-40673
09:20-09:40	Improving dimensional stability of thermally treated wood by secondary modification – potential and limitations G Behr, K-C Mahnert, S Bollmus, H Militz	14-40664
09:40-10:00	Performance of some wood modification treatments against marine borers A Klüppel, C Mai, H Militz, S Cragg	14-40668
10:00-10:30	Coffee / Tea	
Ballroom C	Working Party Session WP 4.5. Thermal wood modification	
	Convener: Philippe Gérardin	
10:30-10:50	Effects of thermal modification on properties of Douglas-fir heartwood Li Yan, J J Morrell	14-40663
10:50-11:10	Development of new wood treatments combining boron impregnation and thermo modification - Effect on decay and termites durability S Salman, A Pétrissans, M-F Thévenon, S Dumarçay, B Pollier, P Gérardin	14-40666
11:10-11:30	The Physical Properties of Heat Treated Fir Wood and Outdoor Durability O E Özkan, H Vurdu, A Temiz, G Köse	14-40677
11:30-11:50	Leachability and Dimensional Stability of Nanosilver-Steamed Densified Poplar G Rassam, A Talaei, A Ahmadi	14-40684
12:30-12:30	Excursion departs	

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Thursday 15 May

Thursday 15 May		
Ballroom EF	Working Party Session WP 4.4. Coatings, hydrophobic treatments and surface aspects Convener: Jan Van den Bulcke	
08:20-08:40	Effect of polyurea coatings on performance of Douglas-fir in tropical above ground exposures <u>S Uysal</u> , J J Morrell	14-40665
08:40-09:00	Study of weathering Characteristics in Profiled and Treated Deck Boards <u>M Akhtari</u> , D Nicholas, L Sites	14-40680
09:00-09:20	Lignin Modification to Produce Sustainable Polyurethane Resin for Wood Coatings <u>M Nejad</u> , M Arefmanesh, S Chandra, J Mostaghimi, E Master	14-40682
09:20-09:40	Influence of Exposure Direction on Leaching of a Biocide from Painted Wood Surfaces <u>M Klamer</u>	14-50303
09:40-10:00	Discussion / Questions	
10:00-10:30	Coffee / Tea	
Ballroom EF	Session Section 5 Sustainability and Environment Convener: Adam Taylor	
10:30-10:50	Copper and chromium leaching from wood impregnated with chromium-copper containing preservatives <u>M Humar</u> , N Thaler, E Melcher	14-50300
10:50-11:10	Potential for migration of boron from fused boron rods used as internal remedial treatments of utility poles <u>M Konkler</u> , C Freitag, C S Love, J J Morrell, J Renfro	14-50301
11:10-11:30	Migration of copper from copper naphthenate treated Douglas-fir poles during storage <u>C S Love</u> , C M Freitag, J J Morrell	14-50302
11:30-11:50	Biocidal Products Regulation – structure and impact for product authorisation and testing of wood preservatives in Europe <u>M Klamer</u>	14-50308

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11:50-12:10	Laboratory study of relative leachability of chromated copper arsenate preservative from buried treated woods among soil types of Sarawak <u>A Wong</u> , P Chong	14-50307
12:10-12:30	Practical extraction of metals from CCA-treated wood Bin Yu, Chung Y Hse, <u>T F Shupe</u>	14-50305
12:30-13:30	Lunch	

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Ballroom C	Working Party Session WP 3.1. Inorganic preservatives Convener: Tripti Singh	
08:20-08:40	Potential for using boron for mitigation of <i>Phytophthora ramorum</i> in Douglas-fir logs <u>J M Hulbert</u> , J J Morrell, E M Hansen	14-30643
08:40-09:00	Borate Redistribution in Glulam in an Above Ground Field Test <u>P I Morris</u> , A Temiz, J Ingram	14-30652
09:00-09:20	Buffered Amine Oxide Treatment Systems for Ammonical Copper Wood Preservatives <u>R W Clawson Jr</u>	14-40685
09:20-09:40	Ammoniacal zinc borate as solid wood preservative <u>C Ibáñez</u> , C Mantero, A Ibarra, M Rabinovich	14-30659
09:40-10:00	Chemistry of copper preservative treated wood Wei Xue, P Kennepohl, <u>J N R Ruddick</u>	14-30651
10:00-10:30	Coffee / Tea	
Ballroom C	Working Party Session WP 3.2. Organic preservatives Convener: Hans Leithoff	
10:30-10:50	In vitro fungicidal activity of Tunisian essences extracts against <i>Coriolus versicolor</i> and <i>Coniophora puteana</i> <u>L Lajnef</u> , N Ayed, B Charrier	14-20544
10:50-11:10	Wood treatment with organosilanes – perspective for IPBC stabilization <u>W Perdoch</u> , B Mazela, A Waśkiewicz	14-30641
11:10-11:30	Resistance of fungal derived pigments to ultraviolet light exposure <u>H G Beck</u> , S Freitas, G Weber, S C Robinson, J J Morrell	14-30642
Ballroom C	Working Party Session WP 1.1. Soft rot, bacteria, bluestain and moulds Convenor: Jun Zhang	
11:30-11:50	Incidence of soft rot attack on preservative treated Douglas-fir poles: a preliminary survey <u>P Torres Andrade</u> , J J Morrell	14-10818

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11:50-12:10	Identification of soft-rot fungi existed in the samples from the galley excavated at Yenikapi <u>T Wada</u> , C Köse, K Igarashi	14-10833
12:10-12:30	Initial investigations into the spalting potential of Peruvian hardwoods <u>S M Vega Gutiérrez</u> , S C Robinson	14-10813
12:30-13:30	Lunch	

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Ballroom EF	Scientific Plenary Session Session Chair: Joris Van Acker	
13:30-15:00	<p style="text-align: center;">DISCUSSION FORUM</p> <p style="text-align: center;">Quality control and expectations of contemporary wood preservation <i>Elevator pitch talks (no paper, short, illustrated with some slides):</i> Colin McCown: Increasing consumer complaints at AWPA. Jack Norton: Australian experience on quality control. Adam Taylor: A tragedy of the commons: The value proposition for treated wood decking. Jöran Jermer: SP's experience with their quality control scheme. Jeff Morrell: Mature design failure of exterior wood (mainly decking).</p>	
15:00-15:30	Coffee / Tea	
Ballroom EF	Final Plenary Session ctd. President: Jeff Lloyd Vice-President: Joris Van Acker Secretary-General: Jöran Jermer	
15:30-16.30	<p style="text-align: center;">Plenary</p> <p>8. Approval of membership fees for 2015 9. Approval of the budgets for 2014 and 2015 10. Election of new officers Sections 1, 2 and 4 Information on EC appointments to other committees 11. Appointment of auditors 12. Future venues IRG 46: 10-14 May 2015, Viña del Mar, Chile 13. Any other business 14. Closure of the meeting</p>	<p>14-60362 14-60363</p>
18:30-22:00	CONFERENCE BANQUET	