

Wednesday 4 March 2015	
08:30-08:45	Registration/Signing Attendance Lists
8:45-9:00	Welcome and Opening Address – Jaan Kers, Dennis Jones and Joachim Schmid
Session One: Testing Methodologies Session Chair: Lina Nunes and Jaan Kers	
9:00-9:20	<u>Hannu Viitanen</u> , Elina Sohlberg and Kirsi Immonen <i>Testing of durability of bio-based non-wood composites</i>
9:20-9:40	<u>Magdalena Kutnik</u> and Ivan Paulmier <i>An overview of the test methods used to assess the resistance of bio-based building materials against subterranean termites and other insects</i>
9:40-10:00	<u>Nicola Macchioni</u> and Sabrina Palanti <i>Recent timber constructions in Italy: General characteristics, qualities and faults based on cases study</i>
10:00-10:20	<u>Simon Curling</u> , Bronia Stefanowski, Elie Mansour and Graham Ormondroyd <i>Development of a laboratory testing concept for whole bio-based wall components against fungal colonisation.</i>
10:20-10:40	<u>Miha Humar</u> , Davor Kržišnik, Boštjan Lesar, Sergej Medved, Nejc Thaler and Mojca Žlahtič <i>Model house for monitoring of performance of wood and quality of insulation envelope</i>
10:40-11:00	<u>Sónia Duarte</u> , Lina Nunes, Paulo A.V. Borges and Carl G. Fossdal <i>Assessment of subterranean termite symbiotic fauna under different diets (STSM presentation)</i>
11:00-11:30	Coffee
Session Two: Introduction to COST FP1404 Session Chair: Joachim Schmid and Alar Just	
11:30-11:50	Joachim Schmid and Massimo Fragiaco <i>Fire Safe use of Bio-Based Building Products – a new COST Action FP1404</i>
11:50-12:10	Wilfried Beikircher and Norman Werther <i>Bio-based building materials – demands on the reaction to fire performance</i>
12:10-12:30	Luke Bisby and Michael Klippel <i>Structural elements made of bio-based materials and detailing – WG2 of COST Action FP1404</i>
12:30-12:50	Esko Mikkola and Maria Pilar Giraldo <i>Regulation and standards for fire safety – FP1404 WG3</i>
12:50-13:00	Discussion on interaction between FP1303 and FP1404
13:00-14:00	Lunch
14:00-15:30 Session Three: Visiting near zero building and climate Chamber in TUT	
15:30-16:00	Coffee
Session Four: Poster Session Chair: Christian Brischke and Carmen-Mihaela Popescu	
16:00	Deniz Aydemir and <u>Nurgül Tankut</u> <i>The Morphological Characterization and Thermal Analysis of Cellulose Biocomposites with Nanoboron Nitride</i>
16:03	Rostand Moutou Pitti, Eric Fournely, <u>Seif E. Hamdi</u> and Serge Ango Ekomy <i>Mechanical performances of solid wood used in buildings: effects of moisture interaction and natural drying</i>
16:06	<u>Dennis Jones</u> , Finn Englund, Marielle Henriksson, Kristoffer Segerholm, Stacy Trey, Magdalena Sterley and Rune Ziethen <i>Development of novel bio based panels for use in internal door manufacture</i>

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Session Four: Poster Session (continued)	
16:09	<u>I. Burawska</u> and M. Zbiec <i>Lignocellulosic reinforcement of pine beams</i>
16:12	<u>A. Rozanska</u> <i>Properties of Parquet Finishing by means of Oils and Waxes</i>
16:15	<u>Maria-Cristina Popescu</u> , Petronela Gradinariu and Carmen-Mihaela Popescu <i>Different spectral techniques used to identify the state of wood degradation by soft rot fungi</i>
16:18	<u>Marius Aleinikovas</u> , Mindaugas Škëma and Benas Šilinskas <i>Analysis of small diameter pine logs distribution into the strength class</i>
16:21	Radosław Mirski, <u>Aleksandra Banaszak</u> and Jakub Kerber <i>The effect of pMDI addition to PF resin on some OSB mechanical properties</i>
16:24	<u>Grzegorz Cofta</u> and Bogusława Waliszewska <i>Rapid determination of IPBC in indoor air using gas chromatography-mass spectrometry/ headspaces solid-phase microextraction (HS-SPME)</i>
16:27	<u>Cihat Tascioglu</u> , Tsuyoshi Yoshimura and Kunio Tsunoda <i>Biological performance of wood-plastic composites containing zinc borate. Part 1: Laboratory test results</i>
16:30	<u>Reza Hosseinpourpia</u> and Carsten Mai <i>Water vapour sorption properties of wood cell wall polymer constituents</i>
16:33	<u>Eduardo Robles</u> , Inaki Urruzola, Jalel Labidi and Luis Serrano <i>PLA reinforced with modified cellulose nanocrystals</i>
16:36	<u>Y. Aoues</u> , E. Bastidas-Arteaga, R. Moutou Pitti and A. Chateaneuf <i>Reliability-Based Design Optimisation of timber trusses subjected to decay and climate variations</i>
16:39	<u>Linda Meyer</u> , Georg Maier, Kordula Jacobs and Christian Brischke <i>Using isolates of decay fungi from field test samples for durability tests under laboratory conditions (STSM presentation)</i>
16:42	Ladislav Reinprecht, Michaela Tisoňová and <u>Ján Iždinský</u> <i>Testing of polysaccharide thermal insulations against fungi</i>
16:45	Solange Cardoso, Lina Nunes and <u>Paulina Faria</u> <i>Characterization tests for insulation boards made from corn cob and natural glues</i>
16:48	<u>Tonis Teppand</u> <i>Using of peat as insulation material. Properties and Technologies</i>
16:51	<u>Katja Vahtikari</u> , Tuula Noponen and Mark Hughes <i>Moisture buffering properties of various hardwood species</i>
16:54	<u>Tomasz Krystofiak</u> , Stanisław Proszczyk, Barbara Lis and Monika Muszyńska <i>Investigations of the properties of artificial veneers finished in Hot Coating technology</i>
16:57	<u>Ján Iždinský</u> , Zuzana Vrábľová and Vilém Štefka <i>Utilisation of sorghum waste for particleboard production -density profile</i>
17:00	<u>Andreja Kutnar</u> <i>COST Action FP1407: Understanding wood modification through an integrated scientific and environmental impact approach (Acronym: ModWoodLife)</i>
17:03-18:30	Viewing Posters
20:00 -	CONFERENCE DINNER

Thursday 5 March	
08:30-08:45	Registration/Signing Attendance Lists
Session Five: Performance of bio-based materials Session Chair: Stig Bardage and Paulina Faria	
8:45-9:05	<u>Jakub Sandak</u> , Anna Sandak, Izabela Modzelewska and Anna Jaszczur <i>It is possible to assess the degradation stage of bio-based materials with an “objective” approach?</i>
9:05-9:25	Matthew Schwarzkopf, Lech Muszynski and <u>Michael Burnard</u> <i>Effect of environmental exposure on tensile characteristics of wood-plastic composites filled with low-grade woody biomass</i>
9:25-9:45	<u>Roman Reh</u> <i>Performance Testing of Hemp Shives in the Particleboard Core Layer</i>
9:45-10:05	<u>Boštjan Lesar</u> , Miha Humar and Sergej Medved <i>Fungicidal properties of ligno-cellulosic insulation and bio-building materials</i>
10:05-10:25	<u>Patrycja W. Kwasniewska</u> , Anna Komasa, Grzegorz Cofta and Bartłomiej Mazela <i>Bioassay of selected fungicide on thin layer chromatography against moulds</i>
10:25-10:45	<u>Andreja Kutnar</u> and Christelle Ganne-Chédeville <i>Insights from the 57th LCA discussion forum, “Life cycle assessment in the building sector: analytical tools, environmental information and labels”</i>
10:45-11:30	Coffee
Session Six: Moisture and bio-based materials Session Chair: Sabrina Palanti and Roman Reh	
11:30-11:50	<u>Petr Čermák</u> and Lauri Rautkari <i>Analysis of dimensional stability of thermally modified wood exposed to re-wetting cycles (STSM presentation)</i>
11:50-12:10	<u>József Ábrahám</u> , Róbert Németh and Miklós Bak <i>Sorption properties of wood bark and phloem</i>
12:10-12:30	<u>Joerg Michael Greef</u> <i>The water absorption of reed for roofing depends on the lignin content of the culms</i>
12:30-12:50	<u>Christian Brischke</u> , Thomas Bornemann and Andreas O. Rapp <i>Deterioration of thatched roofs – moisture and temperature monitoring in a cold roof museum</i>
12:50-13:00	Introduction to Open Air Museum
13:00-14:00	Lunch
14:00-15:20 Session Seven: Visiting Open Air Museum	
15:20-15:45	Closing the Conference and coffee break
15:45-17:00 (approx.) COST FP1303 Management Committee Meeting	