

List of Participants

Denmark

Andreas Bergstedt University of Copenhagen

Estonia

Pille Meier Centre of Competence on Wood Processing & Furniture Manufacturing
Kärt Kängsepp Tallinn University of Technology
Laura Liibert Tallinn University of Technology
Triinu Poltimäe Tallinn University of Technology

Finland

Heikki Korpunen Finnish Forest Research Institute
Juha Rikala University of Helsinki
Jussi Laurila Seinäjoki University of Applied Sciences
Marketta Sipi University of Helsinki
Mikko Havimo University of Helsinki
Olli Paajanen Aalto University
Tuomas Hakonen Seinäjoki University of Applied Sciences

Germany

Christian Welzbacher Leibniz University Hannover (LUH)
Jörg Fromm University of Hamburg
Silke Lautner University of Hamburg
Thomas Bornemann Leibniz University Hannover (LUH)

Latvia

Anna Janberga Latvian State Institute of Wood Chemistry
Bruno Andersons Latvian State Institute of Wood Chemistry
Edgars Labans Riga Technical University
Elina Kapaca Latvian State Institute of Wood Chemistry
Janis Lejavs Latvia University of Agriculture
Juris Grinis Latvian State Institute of Wood Chemistry
Ramunas Tupciauskas Latvia University of Agriculture
Sigita Tunkele Latvia University of Agriculture
Uldis Spulle Latvia University of Agriculture

Lithuania

Antanas Baltrušaitis Kaunas University of Technology
Gintaras Keturakis Kaunas University of Technology
Justina Vitosyte Kaunas University of Technology
Kristina Ukvalbergiene Kaunas University of Technology
Liudas Subacius Kaunas University of Technology
Vilija Pranckeviciene Kaunas University of Technology

Norway

Arne Bardalen Norwegian Forest and Landscape Institute
Anders Q. Nyrud Norwegian Institute of Wood Technology

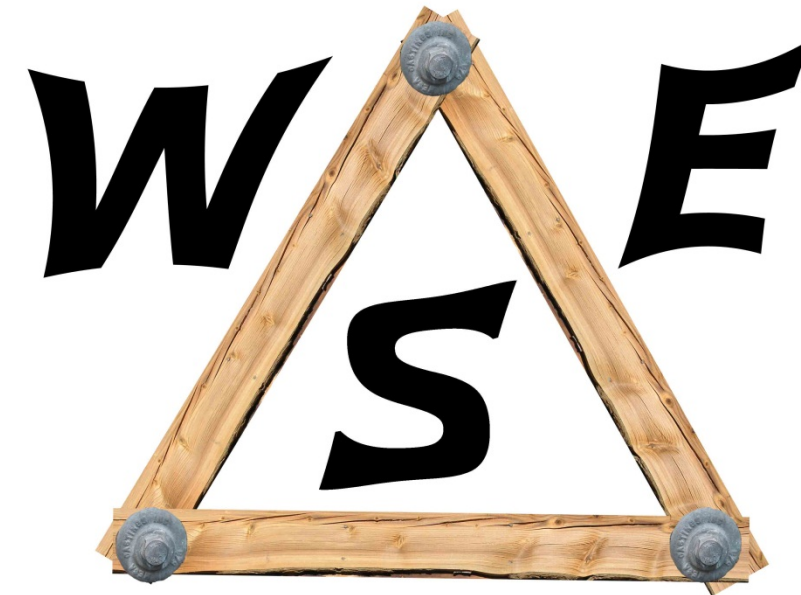
Andreas Treu Norwegian Forest and Landscape Institute
Barun Shankar Gupta Norwegian Univ. of Science and Technology
Berit Time Sintef
Erik Larnøy Norwegian Forest and Landscape Institute
Geir Isak Vestøl Norwegian University of Life Sciences
Gry Alfredsen Norwegian Forest and Landscape Institute
Holger Militz Norwegian University of Life Sciences
Katrin Zimmer Norwegian Forest and Landscape Institute
Kristian Bysheim Norwegian Institute of Wood Technology
Lars Gunnar Tellnes Norwegian Institute of Wood Technology
Lone Ross Gobakken Norwegian Forest and Landscape Institute
Mari Sand Sivertsen Mycoteam
Per Jostein Hovde Norwegian Univ. of Science and Technology
Per Otto Flæte Norwegian Institute of Wood Technology
Petra Rüter Sintef
Sigve Fjelde Jotun
Silje Trollstøl Norwegian Ministry of Agriculture and Food
Stig Lande Kebony ASA
Thorben Feilke Norwegian Forest and Landscape Institute
Ulrich Hundhausen Norwegian Institute of Wood Technology

Sweden

Alireza Salehi M KTH
Ekatarina Sidorova KTH / SP Trätec
Ekaterina Cherepanova Luleå University of Technology
Kristoffer Segerholm KTH / SP Trätec
Lars Eliasson Linnaeus University, Växjö
Lars Hansson Luleå University of Technology
Magnus Wålinder KTH / SP Trätec
Maria Jonsson Swedish University of Agricultural Sciences
Niklas Nordgren KTH
Ola Dagbro Luleå University of Technology
Petteri Tornianen Luleå University of Technology
Sara Olsson SP Technical Research Institute of Sweden
Stacy M. Trey KTH / SP Trätec
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United Kingdom

Callum Hill Edinburgh Napier University



Wood Science and Engineering

7th annual meeting of the
Nordic-Baltic Network of Wood Science and Engineering
Oslo, Norway
October 27 - 28, 2011

Program WSE 2011

Thursday, October 27th

0730	0900	Registration	
0900	0905	Welcome	Larnøy, E.
0905	0920	Opening of conference: Wood, a traditional, innovative and important material in Norway	Trollstøl, S., The Ministry of Agriculture and Food
0920	0950	Keynote: Wood material with future	Millitz, H.
950	1005	Natural durability of wood in Norway – results after eight years above ground exposure	Evans, F., Alfreðsen, G., Flæte, P.O.
1005	1020	Functional genomics of wood degradation - a project summary	Alfreðsen, G.
1020	1035	Succession of staining fungi on acetylated wood and the effect of selected influencing factors	Gobakken, L.R., Bardage, S.L., Long II, C.J.
1035	1100	Socializing with coffee, tea and snacks	
1100	1115	Fungal disfigurement of acetylated wood	Bardage, S.L.
1115	1130	Mould growth resistance of fungicide-containing WPCs	Segerholm, K.B., Wålinder, M.E.P., Bardage, S.L.
1130	1145	Changes in the chemical and mechanical properties of ash-tree wood after hydrothermal modification	Grinins, J., Biziks, V., Andersons, B., Andersone, I., Puke, M.
1145	1200	Chemical changes of untreated and hydrothermally modified hardwood after artificial weathering	Kapaca, E., Cirule, D., Grinins, J., Bikovens, O., Andersons, B.
1200	1215	Thermal modification of birch using saturated and superheated steam	Torniaainen, P., Dagbro, O., Morén, T.
1215	1230	A two-step wood protection process using alternative wood protection agents in combination with an oil treatment	Liibert, L., Treu, A., Meier, P.
1230	1245	Leaching of commonly used impregnation agents affected by wood properties	Kängsepp, K., Larnøy, E., Meier, P.
1300	1400	Lunch	
1400	1410	Survey of research project: enhanced service life of coated wooden facades	Hovde, P.J.
1410	1425	The effect of wood properties on the natural weathering performance of coated claddings made of Norway spruce	Hundhausen, U., Jacobsen, B., Damm, M., Engebretsen, S., Fjelde, S.
1425	1440	A FTIR study on comparison between wood mould fungi cultivated on wood and cultivated on wood coating	Gupta, B.S., Jelle, B.P., Hovde, P.J.
1440	1455	Effects of wood properties on surface mould growth on coated claddings of Norway spruce	Gobakken, L.R., Vestøl, G.I., Sivertsen, M.S.
1455	1510	Absorption of liquid water in specimens of coated cladding of Norway spruce (<i>Picea abies</i> [L.] Karst.)	Sivertsen, M.S., Vestøl, G.I., Hundhausen, U.
1510	1530	Socializing with coffee, tea and snacks	
1530	1545	Carbon footprint of wood products – methodological issues and some examples from Norway	Flæte, P.O., Tellnes, L.G.F., Nyrud, A.Q.
1545	1600	A situational analysis of the furniture manufacturing industry in Latvia	Tunkele, S., Mārciņš, J.
1600	1615	Natural building materials: what are the users' perception of naturalness?	Nyrud, A.Q., Bysheim, K., Bringslimark, T.
1615	1630	Activity-based costing in wood value chain: sawmilling case	Korpinen, H., Uusitalo, J.
1630	1645	Material flows in the Norwegian sawmilling industry	Tellnes, L.G.F., Flæte, P.O., Nyrud, A.Q.
1645	1700	Wood in urban building constructions: a survey of architects' and civil engineers' attitudes	Bysheim, K., Nyrud, A.Q.
1900		Conference dinner at 3dje (http://www.olympen.no/3dje)	

Friday, October 28th

0900	0915	New member 2012 "Northern Germany": Research on Wood Technology at Leibniz University Hannover and in Northern Germany	Welzbacher, C.
0915	0930	New member 2012 "Northern UK":	Hill, C.A.S.
0930	1000	Keynote: The water vapour sorption properties of the plant cell wall	Hill, C.A.S.
1000	1015	Sorption behaviour of Scots pine in Northern Europe	Feilke, T., Zimmer, K., Fromm, J., Larnøy, E.
1015	1030	Determination of wood moisture properties using CT- scanner in a controlled environment	Cherepanova, E., Hansson, L.
1030	1100	Socializing with coffee, tea and snacks	
1100	1115	Water absorption in coated wood - influence of different wood types and coatings	Sivertsen, M.S., Flæte, P.O.
1115	1130	Wood weathering from a service life perspective	Rüther, P.
1130	1145	Optimum design guidelines for plywood sandwich panels	Labans, E., Kalnins, K.
1145	1200	Modification of wood with an anti-oxidant tannin derivative: preliminary study	Sidorova, E., Trey, S.M., Englund, F.
1200	1215	Wet storage of birch logs for protection against discolouration	Jonsson, M.
1215	1230	The use of esterified lignin for synthesis of durable composites	Olsson, S., Östmark, E., Ibach, R.E., Clemons, C.M., Segerholm, K.B., Englund, F.
1230	1300	Poster session	
1300	1400	Lunch	
1400	1415	Self-binding fiberboard made of steam exploded wood: the case of medium density	Tupciauskas, R., Veveris, A., Gravitis, J.
1415	1430	In-situ polymerization of polyaniline in veneers and the effect on material conductivity, morphology, and flame retardance	Trey, S.M., Johansson, M.
1430	1445	Density variation in over-mature Lithuanian-grown Pine (<i>Pinus sylvestris</i>) tree stem	Subačius, L., Baltrušaitis, A., Pranckevičienė, V.
1445	1500	Tool wear effects on the surface formation when milling wood	Stotna, V., Keturakis, G., Baltrušaitis, A.
1500	1530	Socializing with coffee, tea and snacks	
1530	1545	Effect of kerfing on crack formation in Scots pine log house timber	Flæte, P.O., Larnøy, E.
1545	1600	Pelletizing of softwood and hardwood with single channel pellet presses	Havimo, M., Rikala, J., Rissanen, A., Sipi, M.
1600	1615	Moisture content of Norway spruce stump wood after harvesting	Laurila, J., Lauhanen, R.
1615	1630	Closure of meeting with student award	

Posters October 27.-28.

Mechanical properties of foiled birch plywood with special veneer lay-up schemes	Lipinskis, I., Spulle U., Tuherm H.
Effect of wood constituents oxidation on unsaturated fatty acids	Salehi, A., Trey, S.M., Henriksson, G., Pagès, G., Salehi A.M., Dvinskikh, S.V., Furó, I., Johansson, M.
Structural analysis of wood based ceramics	Lautner, S., Fromm, J.
Quantifying fungi in logging residues with real-time PCR	Alfreðsen, G., Børja, I., Filbakk, T., Fossdal, C-G.
Wooden roof shingles: improvement of durability strategies	Janberga, A., Irbe, I., Kurnosova, N., Andersons, B.
Compression properties of three layer cellular wood panels	Iejavs, J., Spulle, U., Jakovlevs, V.
Influence of ash wood surface roughness on the adhesion of acrylic polyurethane	Vitosyte, J., Ukvalbergiene, K., Keturakis, G.
Methods used to examine the moisture behaviour of the wooden floor of Viikki Church	Silvo, J., Koponen, S., Paajanen, O., Vahtikari, K., Kairi, M.
Wood components at the nanoscale: atomic force microscopy and computer modeling	Nordgren, N., Wohler, J., Bergensträhle-Wohler, M.
Wood products in a low current pulsing electric field - a new way to protect wood?	Treu, A., Larnøy, E.