Provisional Programme – IPPS 2008

Tuesday 23 September
14.30 – 15.00 Tour of TKK labs
19.00 – 20.00. Pre registration

Wednesday 24 September
08.00 – 09.00: Registration and Coffee
08.45: Welcome. Rob Elias, BC
09.00 Opportunities and Challenges for the Panels Industry in Finland
Antro Sällä, Finnish Forest Industries Federation

Setting the Scene – Our Industry
09.30 “Future of Boreal Fibre – Need vs Availability.”
Mia Tähtinen, Poyry Finland
10.00 “Life cycle impact assessment of wood-based panels: Particleboard, medium density fibreboard (MDF) and high density fibreboard (HDF)”
S. González-García, G. Feijoo, P. Widsten, A. Kandelbauer E. Zikulnig-Rusch & M.T. Moreira, University of Santiago de Compostela
10.30 “Protecting cargo container flooring against attack by wood destroying insects.”
James Creffield, Jamie Hague & Damian Scown, CSIRO
11.00 – 11.30. Tea and Coffee

Formaldehyde
11.30 “Free formaldehyde - where can I find it?”
Mark Irlé, Christophe Belloncle & Bahu Gueguez. Ecole Supérieure du Bois
12.00 “Real time determination of formaldehyde emission from particleboards using NMR-spectroscopy.”
Björn Engström, Morgan Grothage Bo Johnsson, Eva Landen & Elin Svensson, Casco Adhesives AB
12.30 “Study on the Formaldehyde Emission Stable State for Particleboard by the Flask Method.”
Kinga Iudith David, Octavia Zeleniuc, Valeriu Petrovic & Livia Sangeorzan, Transilvania University Brasov
13.00 - 14.00. Lunch

Plywood Session
14.00 “New approaches to different plywood gluing methods.”
Jouni Rainio, Hexon Chemicals
14.30. “Factors influencing the properties of veneer-based products.”
A. Rohumaa, M. Hughes & M. Ohnhmeyer, TKK

15.00 “Log and veneer quality of Finnish and Russian birch in plywood production.”
Henrik Herijärvi & Juha Arponen, Finnish Forest Research Institute

15.30 - 17.30. Poster Session, with wine reception sponsored by Habasit

Thursday 25 September

Resin Strength and Quality Control
09.00 “Quality control based on internal bond. – Designing the “Bond-a-Matic”.”
Steve Young, TimberText.
09.30 “Monitoring bond strength development during phenol-formaldehyde adhesive cure.”
Milan Sernek & Matej Jost, University of Ljubljana
10.00 “Optimization of the Synthesis of Urea-Formaldehyde Resins by Response Surface Methodology.”
J Ferra, J. Pereira, B. Pinto, F. Silva, J. Martins, A. Mendes, M.R. Costa, L. Carvalho and F.D. Magalhães, LEPAE, University of Porto
10.30 Symposium Debate
11.00 – 11.30 Tea and Coffee

Resin Technology
11.30 “Advances in ultra low emitting UF resin solutions for particleboard MDF and hardwood plywood.”
David Harmon, Hexion Chemicals
12.00 “Formaldehyde-free wood adhesive system provides a cost-competitive, environmentally-friendly alternative to interior wood products market.”
David Mullen, Hercules
12.30 “Chemical changes in wood induced by thermo-mechanical (TMP) and chemo-thermo-mechanical (CTMP) pulping and their impact on board properties.”
Edmone Roffael, Udo Hennecke, Thomas Schneider & Brigitte Dix. Georg-August-University of Göttingen
13.00 – 14.00. Lunch

Monitoring and Testing
14.00 “Monitoring the quality and match to reference of aesthetic panels with a new camera-based true colour vision technology.”
Robert Massen, Joerg Eberhardt & Stefan Asal, Baumer Inspection
14.30 “Using the B-stage test to guide the production of impregnated low pressure laminate paper”

Raw Materials / New Products
10.00 “Agricultural Residues with light parenchyma cells and expandable filler materials for the production of lightweight particleboards.”
10.30 “How to Produce High Performance Straw MDF”
Sören Halvarsson, Håkan Edlund & Magnus Norgren. Mid Sweden University.
11.00 – 11.30 Tea and Coffee
11.30 “Multilayer application of knife ring flaker.”
Robert Loth, Maier
12.00 “Production of Dimensional Stable and Decay Resistant Wood Composites Based on Acetylation.”
Roger Rowell, University of Wisconsin.
12.00 “Microwave Manufacturing of Solid Wood Composites using Paulownia fortunei and Paulownia elongata”
Peter Vinden, Grigory Torgovnikov, Alex Shaginov, Simon Przewloka, Jeff Hann, Philip Blackwell & Henry Senko, University of Melbourne.
12.30. Closing remarks
12.30 – 13.00. Lunch
13.00 – 16.00. Tour of TKK

Disclaimer. NB. This is a provisional programme and liable to change without notice.
Registration Fees

Early bird full delegate rate: £620 (available up till 30 June).
Standard rate £775 (available up till 14 September)
Late registration fee – please apply.

Fees include delegate bag, printed and bound conference proceedings, teas, coffee and lunches during the symposium plus Gala dinner for one.
To register online please follow the links on our website (www.ipps.uk.com)
Alternatively contact the conference organiser for a registration form. ipps@bangor.ac.uk

Venue

TKK’s Dipoli Conference Centre is one of Finland’s premier venues for international conferences and events. It is in a prime location at Espoo, sharing in the diverse services on offer in the capital as well as the innovative atmosphere of the scientific community of Otaniemi. www.dipoli.tkk.fi/english/

The Espoo website can help plan your trip and find hotel accommodation www.espoo.travel.com/

Hotels

Please book your accommodation directly with the hotel of your choice.

The nearest hotel to the symposium venue is the Radisson SAS at Espoo, which offers rooms at €137/157 per delegate per night (e-mail info@radissonsas.com)

For alternative hotels please see our website, or use the Espoo travel website.

“We look forward to welcoming you to Finland in September 2008. Please feel free to contact me or other BC staff members for help and advice”

Ceri Loxton on behalf of the BC organising committee Rob Elias, Graham Ormondroyd and Morwenna Spear.