International Panel Products Symposium

Programme

TUESDAY 16TH OCTOBER
19.00 – 20.30 Pre-Registration and Drinks Sponsored by Huntsman.
   The Angel Hotel, Cardiff

WEDNESDAY 17TH OCTOBER
8.00 Registration and Coffee

9.00 Welcome and Introduction of the Symposium.
   Rob Elias, Acting Director of BC

Session 1. OPPORTUNITIES FOR WOOD MODIFICATION IN THE PANELS INDUSTRY


9.45 Acetylated Fibreboards – Results from over Ten Years of Field and Commodity Testing. Mats Westin, Roger Rowell and Thomas Nilsson. Swedish National Testing Institute, Sweden, and University of Wisconsin, USA.

10.15 Organosilicones as Protecting Agents for Edges of Board Materials. Liesbeth De Vetter and Joris Van Acker. Ghent University, Belgium

10.45 Coffee and Refreshments

KEYNOTE ADDRESS: APPLICATIONS

11.15 The Panel Board Industry – A Furniture Maker’s Perspective.
   Eunice Cinnamon, UKfirst

Session 2. PLYWOOD and OSB

11.45 Technological and Economical Feasibility to Produce OSB with Enhanced Properties in Brazil. Cláudio Henrique Soares Del Menezzi and Ivan Tomaselli. University of Brasilia and Federal University of Paraná, Brazil.

12.15 Moisture Dynamics of Plywood in Exterior Applications as a Basis for Service Life Prediction. Joris Van Acker and Jordi De Smet. Ghent University, Belgium.

12.45 Lunch
Session 2 (cont’d). PLYWOOD and OSB
14.00 Raw Material and Process Factors Influencing Bond Strength Development in Veneer-Based Products. Anti Rohumaa, Mark Hughes, Martin Ohlmeyer & Timo Kallio. Helsinki University of Technology, Finland and Institute for Wood Physics and Mechanical Technology of Wood, Germany.


15.00 Effect of Pressing Time on the Bonding Properties and Dimensional Stability of Phenolic-Treated Ply Bamboo. UMK Anwar, MS Sapuan, MT Paridah, H Hamdan, ES Bakar and Nor Yusiah MY. Forest Research Institute, Malaysia.


16.00 POSTER SESSION and DRINKS RECEPTION
SPONSORED BY HABASIT

THURSDAY 18TH OCTOBER
8.00 Coffee

Session 3. AGRICULTURAL PANELS AND EMERGING TECHNOLOGIES

9.30 The Manufacture of Solid Wood Composites From Microwave Modified Wood. Peter Vinden, Grigory Torgovnikov, Simon Przewolka, Jeff Hann and Alex Shaginov, Australia.

10.00 Lightweight Particleboards Made from Annual and Perennial Plants. Brigitte Dix, Peter Meinlschmidt and Volker Thole. Fraunhofer-Institute for Wood Research (WKI), Germany.

10.30 Coffee and Refreshments

Session 4. TECHNOLOGY AND PROCESS CONTROL
11.30 Production Safety During Wood-Based Panels Production. Ralf Schäckel. GreCon, Germany.


13.00 Lunch

KEYNOTE ADDRESS: THE GLOBAL MARKET AND SUPPLY CHAIN

Session 5. RESINS

15.30 Study Concerning The Gluing Shearing Strength Of Some Adhesive Compounds Based On The Mixed Furan Resin With Furfurylic Alcohol Of FC-2 URELIT Type, Ureic Resin URELIT R Type, And Lignin. Valeriu Petrovici, Anca Maria Varodi and Octavia Zelenuic. University of Brasov, Romania.

16.00 Coffee

16.30 Volatile Organic Compounds (VOC) from Thermo-Mechanical (TMP) and Chemo-Thermo-Mechanical Pulps (CTMP) and Fibreboards Made Therefrom. Edmone Roffael, Brigitte Dix, Thomas Schneider. Georg-August-Universität Göttingen and Fraunhofer-Institute for Wood Research (WKI), Germany.

17.00 Use of Natural Phenolic Compounds as a Binder in Particleboard. Javad Torkaman. University of Guilan, Iran.

WINE RECEPTION AND GALA DINNER
SPONSORED BY THE PARAMOUNT ANGEL HOTEL
**FRIDAY 19TH OCTOBER**

9.15 Coffee

Session 6. RAW MATERIALS


10.15 Laboratory Production of Decay Resistant and Dimensionally Stable One Layer Particleboard By Chemical Modification with Propionic Anhydride. Antonios M. Papadopoulos, Technological Educational Institute of Kavala, Greece.


12.15 Influence Of Beech Particle Size Used In Surface Layer Surface Soundness Of Three Layer Particleboard. Sergej Medved. University of Ljubljana, Slovenia.

12.45 Closing remarks. Rob Elias

1.00 Coffee and Sandwiches