

IPPS 2011

Venue Cymru, The Promenade, Llandudno, LL30 1BB, U.K.



WEDNESDAY 5TH OCTOBER

8.30 REGISTRATION

Posters will be on display through-out the conference in the break-out room

9.30 WELCOME AND INTRODUCTION

Rob Elias, Director, The BioComposites Centre

9.45 PROCESSING

9.45 **Clemens Seidl**, Andritz, Austria

Pressurised refining NEW: New methods to improve the production of fibres to save energy and be eco-friendly

10.15 **Kelvin Chapman**, MDF Tech Ltd, New Zealand

Improved resin performance in MDF through development of the blowline blending process

10.30 **Hauke Kleinschmidt**, Electronic Wood Systems, Germany

How latest measurement technology can improve online evaluation of panel characteristics by implementing advanced blow detection methods and online calibration methods

11.15 COFFEE BREAK

11.45 NOVEL FEEDSTOCKS

11.45 **S. Rao***, **B. Coombs** and **D. Battacharyya**, University of Auckland, New Zealand

Kenaf MDF Panels: A statistical approach in parameter selection

12.15 **A. Kargarfard** and **A. Jahan-Latibari**, Islamic Azad University, Iran

The performance of cotton stalks in medium density fibreboard production

12.45 **Marek Grześkiewicz***, **Piotr Borysiuk** and **Katarzyna Kramarz**, Warsaw University of Life Sciences, Poland

Physical and mechanical properties of thermally modified and densified MDF

1.15 LUNCH BREAK

2.45 FUNDAMENTALS AND VISUALIZATION

2.45 **Anti Rohumaa**, **Janne Logren** and **Mark Hughes**, Aalto University, Finland

Peeling checks and their effect on phenol formaldehyde bonded birch plywood

3.15 **Elena Tikhonova***, **Michael Lecourt** and **Mark Irle**, Ecole Supérieure du Bois, France

A study of fibre morphology with a view to the manufacture of layered fibreboards

3.45 **Elisha Ncube***, **Hugh Mansfield-Williams** and **Mark Irle**, Copperbelt University, Zambia

The transversal compression and strain of mature wood strands pressed at high temperatures and pressures

4.15 COFFEE BREAK

4.45 RECYCLED FEEDSTOCKS

4.45 **Mark Irle***, **Fouzia Habri**, **Amine Bouslamti**, **Valérie Salvador**, **Martine Bondu** and **Bernard Caron**, Ecole Supérieure du Bois, France

A study of methods that could improve the cleanliness of recovered wood intended for particleboard manufacture

5.15 **Craig Bartlett** and **Jim New***, MDF Recovery Ltd, UK

Innovative wood fibre recovery - How not to get burnt?

7.30 CONFERENCE DINNER

St George's Hotel, The Promenade, Llandudno, LL30 2LG

THURSDAY 6TH OCTOBER

9.00 RESINS

9.00 **Edmone Roffael*** and **Bo Johnsson**, Georg-August-Universität Göttingen, Germany

The perforator method in balance

9.30 **Erik Vangronsveld**, Huntsman Polyurethanes, Belgium

Methylene diphenyl diisocyanate (MDI): EU classification; the impact of REACH; worker and consumer exposure - perception versus facts

10.00 **Sergej Medved***, **Nataša Čuk** and **Matjaž Kunaver**, University of Ljubljana, Slovenia

Sorption and moisture resistance of liquefied wood bonded particleboards

10.30 COFFEE BREAK

11.00 RESINS, (CONT'D)

11.00 **Marc Prüssmann**, Sasol Wax, Germany

Small wax particles - the key to efficient hydrophobizing

11.30 **Nádia T. Paiva***, **Ana Henriques**, **Nuno Costa**, **João Pereira**, **João M Ferra**, **Paulo Cruz**, **Jorge Martins**, **Luísa Carvalho** and **Fernão Magalhães**, LEPAE, Portugal

Study of the influence of synthesis variables on polymeric structure of melamine-urea-formaldehyde resins

12.00 LUNCH BREAK

1.15 LAMINATION AND LAMINATED PANELS

1.15 **Olli Paajanen***, **Henrik Holmberg**, **Pia Lahti** and **Matti Kairi**, Aalto University, Finland

Experiences with a new veneer drying method

1.45 **Agnieszka Kurowska**, **Piotr Borysiuk**, **Marek Grześkiewicz*** and **Marcin Zbieć**, Warsaw University of Applied Sciences, Poland

Glueability of densified veneers bonded with waste thermoplastic materials

2.15 COFFEE BREAK

2.45 LAMINATION (CONT'D)

2.45 **Marc O. Kühn, Jörg Eberhardt* and Robert Massen**, Baumer Inspection GmbH, Germany
Automatic physical and aesthetic patching of wood-based panels saves Woodstock resources

3.15 **Max Britzke***, **Carolin Seigl** and **André Wagenführ**, Dresden University of Technology, Germany

Three-dimensional formed sandwich parts for interior applications

3.45 **Jorge Martins***, **Christina Coelho**, **João Ferra**, **Paulo Cruz** and **Luísa Carvalho**, Universidade do Porto/Instituto Politécnico do Viseu/Euroresinas, Portugal

Low formaldehyde emission MDF overlaid with wood veneer: bonding problems assessment

4.15 Closing remarks

Dr Rob Elias, Director

4.30 CONFERENCE CLOSE

CONFERENCE REGISTRATION

Please contact the Conference Organiser for a registration pack, or download the registration form from our website www.ipps.uk.com

The Conference venue is situated on the Promenade of the beautiful seaside town of Llandudno. Llandudno is well situated for road and rail links from major cities in the UK, and the nearby airports at Manchester and Liverpool.

Llandudno boast a wide range of hotels and guest houses, and delegates will easily find something to suit their tastes. The Welsh Tourist Information website www.visitwales.co.uk will be a useful source of travel and accommodation information.

CONTACT US

The Conference Organiser, The BioComposites Centre, Bangor University, Deiniol Road, Bangor, Gwynedd, LL57 2UW, United Kingdom

- Tel: +44 (0) 1248 370588
- Fax: +44 (0) 1248 370594
- email: ipps@bangor.ac.uk