

IPPS 2019:

PROVISIONAL PROGRAMME

The Imperial Hotel, The Promenade, Llandudno, LL30 1AP, U.K.



TUESDAY 8TH OCTOBER

8.30 REGISTRATION

9.00 WELCOME AND INTRODUCTION

Rob Elias, Director, The BioComposites Centre, U.K.

9.10 FUTURE SUPPLY AND INDUSTRY TRENDS

9.10 KEYNOTE: **Marcel Vroege**, Indufor Asia Pacific Ltd, New Zealand

Future Availability of Feedstock for the Global Wood Based Panel Industry

9.45 VOC EMISSIONS AND RESIN DEVELOPMENTS

9.45 KEYNOTE: **Martin Ohlmeyer**, Thünen Institute, Germany

Latest developments regarding classifications and regulations on emissions from building products

10.20 **Byung-Dae Park**, Kyungpook National University, Republic of Korea

A New Innovative Approach for Urea-Formaldehyde Resin Adhesives with Low Formaldehyde Emission and Strong Adhesion

10.40 **Friederike Mennicke**, Thünen Institute, Germany

A derived method for the quick assessment of VOC emissions from wood-based panel

11.00 COFFEE BREAK

11.30 **Bruno Gorrini**, Arauco, Chile

Uses of biomaterials for wood panel adhesives

11.50 **Dave Preskett**, BioComposites Centre, U.K.

Sitka purses from pig's ears

12.10 **Haidin Rashid**, Materialize X, U.K.

Chemistry combined with machine learning: Speciality bio-adhesive and process optimisation

12.10 **Magda Dias**, University of Porto, Portugal

Development of new solutions for wood based panels with improved water resistance

12.30 LUNCH BREAK

1.30 INNOVATION AND PERFORMANCE OF PANELS

1.30 **David Murray**, MEDITE SMARTPLY

Innovation and High Performance MDF & OSB as enablers of offsite construction

1.50 **Mouna Ghorbel and Frits van Calker**, RFIDdirect Ltd, UK

RFID SMART wood

2.10 **Max Britzke and Phillip Rosenbusch**, Technical University of Dresden, Germany

Adhesive free paper honeycomb core and related manufacturing processes for use in environmentally friendly sandwich panels

2.30 **Roberto Magalhães**, Euroresinas, Portugal

Effect of panel moisture content on internal bond strength in medium density fibreboard

2.50 COFFEE BREAK & POSTER SESSION

3.40 HORIZON SCANNING – EMERGING THEMES

3.40 **Graham Ormondroyd**, BioComposites Centre, U.K.

Trends in European timber and biomass

4.00 **Prof Callum Hill**, JCH Industrial Ecology, U.K.

The role of timber products in a circular economy

4.20 **Morwenna Spear**, BioComposites Centre, U.K.

Wood based panels in modern methods of construction for housing: a greenhouse gas abatement analysis

4.40 FREE TIME

6.30 DRINKS RECEPTION

7.30 CONFERENCE DINNER

The Imperial Hotel, The Promenade, Llandudno, LL30 1AP

WEDNESDAY 9TH OCTOBER

9.00 STANDARDS – DELIVERING QUALITY AND SERVICE LIFE

9.00 **Janet Sycamore**, TDCA, UK

Establishing a quality standard for WPC decking

9.20 **Anna Sandak**, Innorenew, Slovenia

Service life performance of bio-based composites

- 9.40 **Jerry Quayle**, Consultant, UK
Fire performance standards and how they apply to panel products
- 10.00 **Jussi Ruppenen**, Palonot Ltd, Finland
Novel ionic liquid (ILs) based fire retardant for veneer-based panels
- 10.20 **Sergej Medved**, University of Ljubljana, Slovenia
Investigation of effect of fire retardant additive on particleboard and fibreboard properties
- 10.40 COFFEE BREAK
- 11.00 RECYCLING AND FEEDSTOCKS
- 11.00 **Prof Edmone Roffael**, University of Göttingen, Germany
On reactivation of recycled fibres towards bonding
- 11.20 **Mark Irle**, Ecole Superieur du Bois, France
Recycling waste fibreboard
- 11.40 Closing remarks
Dr Rob Elias, Director, The BioComposites Centre, U.K.
- 12.00 LUNCH AND CONFERENCE CLOSE

SPONSORED BY

We are very grateful to our sponsors for supporting this event



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