

3rd Wood fibre Polymer Composites International Symposium

Innovative Sustainable Materials applied to Building and Furniture



**March 26-27, 2007
Cité Mondiale
Bordeaux, France**



- Advances on Market Acceptance and Industrial Testimonies
 - Innovation in building and furniture
 - Standardisation outlook
 - Environmental issues

Join us to learn, exchange and progress.



REGISTRATION before February 15, 2007

CENTRE TECHNIQUE
DU BOIS
ET DE L'AMEUBLEMENT

www.ctba.fr/woodpolymer2007

Programme

Objectives of the Symposium

An overview of recent developments in WPC applied to the construction and furniture industries

The CTBA is proud to announce its third International Symposium on wood fibre polymer composites - new innovative materials used in the construction and furniture industries.

International experts and speakers will present the latest trends and developments in the construction and furniture fields enabling you to enhance your business and target future markets. Don't miss this opportunity to find out what is new in WPC and improve your business by:

- Participating in the Conference and Panel discussions. Get the full picture on new developments in Europe and the following topics worldwide:
 - Market acceptance and industrial testimonies
 - Latest innovations in building and furniture
 - Performance assessment and testing
 - Recent progress on products and technologies
 - Research and Development - additives and nanotechnology
 - On-going EU standardisation discussions
 - Environmental issues
- Taking an active part in the Technical Exhibition over the two days (more than 15 industrial attendees are already registered).
- Building professional relationships with producers and users.

Benefits for your company

We invite international experts, scientists, manufacturers and consumers to participate in round-table discussions, presentations and show-room displays on the recent progress in this innovative rapidly growing industry, including:

- Up to date information from the markets
- Industry standards and long-term performance
- Recent product developments and innovative processes

The 2007 exhibition will focus more specifically on innovative materials in the construction and furniture & fittings industries. Environmental issues such as life cycle analysis and recycling will also be covered.

Who should attend

- Producers of separated lignocellulosic raw materials (wood flour, sawdust, fibre) and natural agricultural fibres, thermoplastics, additives, etc.
- Producers of WPC (construction, furniture, fittings, consumer goods, automotive and other sectors)
- Suppliers of wood and natural fibres
- Suppliers of plastics, additives and compounds
- Technology designers, scientists, consultants
- Users and consumers

Technical Exhibition

Throughout the whole conference, display your products, technologies and services in the exhibition area: reserve your stand now!

9 sq. m (3x3m) or 12 sq. m (3x4m) stands, with partitions on 3 sides, table and chairs.

Prices (before tax): 9 sq. m: €1,100 - 12 sq. m: €1,300.

Stands may be installed from 2.0 pm on Sunday March 25. Stand dismantling will take place from 4.30 pm on Tuesday March 27 and may continue if necessary in the morning of March 28.

Please contact CTBA (Mrs. Bérengère Batby Tel.: +33 (0)5 56 43 63 99 - Fax: +33 (0)5 56 43 64 80) and reserve before February 15, 2007.

Sponsorships

Enhance your image by publishing your company logo and an advertisement in the final programme of the "3rd European Symposium on Wood Fibre Polymer Composites", 2007.

| | |
|-------------------|--------------------------|
| Offers: | before tax |
| Platinum sponsor: | €1.600 for one full page |
| Gold sponsor: | €800 for ½ page |
| Silver sponsor: | €400 for ¼ page |

Don't miss this opportunity and we look forward to welcome you to Bordeaux.

Come and enjoy the relaxed atmosphere and, why not, some of our world famous wines!

Innovative Sustainable materials in the Construction and Furniture Industries

Session 1: Advances in market acceptance and Industrial Testimonies

Session 2: Innovation in Construction and Furniture

Session 2A: Performance Assessment and Testing

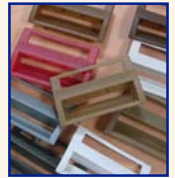
Session 2B: Recent Progress on products and technologies

Session 2C: Research and Development (additives, nanotechnology, etc.)

Session 2D: Applications in Construction and Furniture

Session 3: Standardisation Outlook

Session 4: Environmental Issues



March 26, 2007

8.00 - 9.00 Registration and Welcome

9.00 - 9.15 Opening Remarks - CTBA

9.15 - 9.45 Keynote paper

- WPCs - An updated worldwide market overview including a short glance at final consumers

Asta Eder, Wood K plus, Austria

9.45 - 11.00 Session 1: Advances in Market Acceptance and Industrial Testimonies

- French and European market: experiments and developments from the point of view of a wood fibre producer

Stéphane Laurent, Rettenmaier France, France

- WPC European decking market

Philippe Crez, Silvadec, France

- R&D: A success key for the market expectations regarding injection process

Sandra Martin, Futuramat and Jacques Barbier, Valagro, France

Round table: Panel discussion on advances in market acceptance and industrial testimonies

11.00 - 11.20 Coffee Break

11.20 - 12.45 Session 2A: Performance assessment and testing

- Durability of wood plastic composites: where we've been and how we can get better

Jeff Morrell, Oregon State University and Mark Manning, Rio Tinto Minerals, USA

- Considerations for improving the weatherability of wood-plastic composites

Nicole Stark, USDA Forest Products Laboratory, USA

- Test conditions to measure the swelling of wood polymer composite decking

Matthias Schulte, WERZALIT AG + CO. KG, Germany

- Wood and natural fibre composites processed by hybrid injection moulding:

evaluation and testing of the material performances

Charlyse Pouteau, Pôle Européen de Plasturgie, France

Questions and answers: Discussion on performance assessment and testing

12.45 - 14.15 Lunch

14.15 - 16.00 Session 2B: Recent progress on products and technologies

- Palltrusion, a new kind of process for the production of products made from wood-plastic composites

Hartmut Pallmann, Pallmann Maschinenfabric GmbH & Co. KG, Germany

- Flexible and economical production of natural and wood fibre composites on a twin screw extruder

Sylvie Laurenty, Coperion France Sarl, France

- Transfer of knowledge from papermaking to the manufacture of composite materials

E. Kristofer Gamstedt, Royal Institute of Technology, Sweden

- Extrusion and injection moulding of wood-melamine resin composites - extended applications for WPC

Michael Roth, Wood Kplus, Austria

- Newest generation of Beologic "ready for use" WPC compounds: profitable production on standard extrusion lines - a movie

Marc Thometchek, Beologic nv, Belgium

Questions and answers: Discussion about recent progress on products and technologies

16.00 - 16.30 Coffee break

16.30 - 18.00

Session 2C: Research and Development - additives and nanotechnology

- Injection of recycled wood/plastic composites
Bernard Riedl, Université Laval, Quebec, Canada
- Impact modification of injection moulded wood-plastic composites
Christoph Burgstaller, Transfercenter für Kunststofftechnik, Austria
- Effect of fibre length on processing and properties of wood-plastic composites
Ahmed Koubaa, Université de Quebec, Abitibi-Témiscamingue, Canada
- Artificial wood based on wood flour and nanoclay reinforced rigid PVC matrix
Laurent Matuana, Michigan State University, USA
- Development of long jute fibre reinforced thermoplastic pellets for injection moulding
Takayasu Fujiura, KOBE STEEL LTD, Japan
- Optimising formulations for wood-PVC composites
Philippe Hajji, Arkema, France



Questions and answers:

Discussion on Research and Development - additives and nanotechnology

20.00

Gala Dinner



March 27, 2007

9.00 - 9.15

Opening Remarks

9.15 - 10.30

Session 2D: Applications in Construction and Furniture

- Wood-plastic composites based on MDF fibre reinforcement
Jeremy Warnes, Forest Research, New Zealand
- New options for furniture design by WPC
Christian Gahle, Nova-Institut GmbH, Germany
- Wood-plastic composites in a honeycomb application for the building industries
Tuomas Salila, Lappeenranta University of Technology, Finland
- A highly durable decking system for Europe
Harald Zodl, Fasalex GmbH, Austria
- Epoch making WPC furniture, modern japanese design
Takayasu Kikuchi, WPC Corporation, Japan



Questions and answers:

Discussion on applications in Construction and Furniture

10.45 - 11.15

Coffee break

11.15 - 12.00

Session 3: Standardisation Outlook

- European standardisation on WPC
Alain Genty, BNPP, France
- Overall assessment strategy
Serge Le Nevé, CTBA, France



Round table: Panel discussion on standardisation Outlook

12.00 - 14.00

Lunch

14.00 - 15.30

Session 4: Environmental issues

- Natural fibre resources for the composite industry: Agro-Fibre vs. Wood Fibre - an economic viability study
Suhara Panthapulakkal, University of Toronto, Canada
- Life cycle assessment of wood-plastic composites
Chris Foster, EuGeos Limited, United Kingdom
- Influence of natural fibre type in eco-composites
Miriam Garcia, CIDEMCO, Spain
- Fibre variability and composite properties: the example of hemp / polylactone compounds
Bernard Kurek, INRA and Gérard Mougín, AFT Plasturgie, France



Questions and answers:

Discussion on environmental issues

15.30 - 16.00

Conclusion and outlook

16.00

Close



Pont de Pierre (F.Poincet)



Grand théâtre (T.Sanson)

Photos courtesy of: Office du Tourisme de Bordeaux



How to get to the Cité Mondiale

Cité Mondiale

20 Quai des Chartrons
33080 Bordeaux
France
Tel.: +33 (0)5 56 01 75 75

From Bordeaux Mérignac Airport or from St Jean train station: the easiest form of transport is by taxi.

By car from the airport: follow signs to Toulouse, then Paris. Take exit no. 21 to "Gare Saint Jean" (train station) and drive alongside the Garonne river towards "Bordeaux Centre". As you arrive in the centre of the city, you will see the large navy cruiser, the "Colbert"; slow down because the sign for the Cité Mondiale is small. The Cité Mondiale is on your left (300 m before the Colbert) and you will have to cross the tram rails to enter the car park.

Coming from Paris: take the first exit after the Pont d'Aquitaine suspension bridge and follow signs to "Bordeaux Centre". Go along Boulevard Aliénor d'Aquitaine until the crossroads with an old red metallic flyover and follow signs to "Bordeaux Centre" (go left under the flyover). When you come to the Garonne river, turn right and follow the quays. When you see the large navy cruiser, the "Colbert", slow down because the small sign for the Cité Mondiale is on your right. The Cité Mondiale is on your right (300 m after the Colbert) and you will have to cross the tram rails to enter the car park.

Coming from the south (Spain or Toulouse): follow signs to Paris. Take exit no. 21 to "Gare Saint Jean" (train station) and drive alongside the Garonne river towards "Bordeaux Centre". As you arrive in the centre of the city, you will see the large navy cruiser, the "Colbert"; slow down because the sign for the Cité Mondiale is small. The Cité Mondiale is on your left (300 m before the Colbert) and you will have to cross the tram rails to enter the car park.

REGISTRATION FEES

| | Before tax | Inc. VAT |
|--|-------------------|-----------------|
| Standard fee (including dinner): | €550 | €657.80 |
| (without dinner): | €490 | €586.04 |
| Technical Center, Universities and speakers (including dinner): | €440 | €526.24 |
| (without dinner): | €380 | €454.48 |
| Exhibitor (including 9 sq. m stand): | €1.100 | €1.315.60 |
| Exhibitor (including 12 sq. m stand): | €1.300 | €1.554.80 |

The registration fee includes coffee breaks, lunches and one copy of the proceedings of the symposium. Extra copies may be purchased at €30 for registered participants, €75 for other persons.

(NO CREDIT CARD PLEASE)

Payment can be:

- by cheque made payable to "Centre Technique du Bois et de l'Ameublement"
- by credit transfer to: CREDIT AGRICOLE Ile De France
Bank account of CTBA Bank Code 18206 Branch code: 00280
Account number 21590259001-12 Swift code: AGRIFRPP882
IBAN: FR76 1820 6002 8021 5902 5900 112

ACCOMMODATION

The CTBA has pre-reserved rooms in several hotels located near the symposium area. The number of rooms is limited, so please contact the hotel as soon as possible to book your room (see list behind this page).

GENERAL INFORMATION

DATE : March 26-27, 2007

VENUE : Cité Mondiale - 20, Parvis des Chartrons - Bordeaux - France

AIRPORT : Bordeaux-Mérignac International Airport

SESSIONS : Start on Monday March 26 at 9.00 a.m and finish on Tuesday March 27 at 4.00 p.m.

LANGUAGES : English and French. Simultaneous translation will be provided.

SECRETARIAT : CTBA - Véronique Chauvel
BP 227 - 33028 Bordeaux cedex - France
Tel. +33 (0)5 56 43 63 95 - Fax: +33 (0)5 56 43 63 02
E-mail: woodpolymer@ctba.fr

Deadlines

Paper submission date: January 31, 2007

Registration and Hotel booking: February 15, 2007

SCIENTIFIC COMMITTEE

- Prof. John BALATINECZ, University of Toronto (Canada)
- Mr. Philippe CREZ, Silvadec (France)
- Mr. Philippe HAJJI, Arkema (France)
- Mr. Bernard KUREK, INRA (France)
- Dr. Gilles LABAT, CTBA (France)
- Mr. Stéphane LAURENT, Rettenmaier (France)
- Mr. Jean-michel LAFONTAINE, Groupe Millet (France)
- Dr. Laurent MATUANA, Michigan States University (USA)
- Prof. Alfred TEISCHINGER, University of Vienna (Austria)
- Dr. Michel VERNONIS (France)

Scientific conference - Communications

Dr Gilles LABAT assisted by Patricia CARREROT
Tel.: +33 (0)5 56 43 63 21

Registration and logistics

Véronique CHAUVEL - Tel.: +33 (0)5 56 43 63 95

E-mail : woodpolymer@ctba.fr

HOTEL BOOKING FOR "WOOD POLYMER COMPOSITES" SYMPOSIUM - March 26, 27 2007

Individual booking - Un formulaire par personne

NB. Please send this booking form directly to the hotel of your choice.

Name: _____ First name: _____
Company Name: _____
Address: _____

Town: _____
Postcode: _____ Country: _____
Tel n°: + _____ Fax n°: + _____
E-mail: _____
Arrival date: _____ Departure date: _____
Arrival time: _____ Departure time: _____
Number of nights: _____
Type of room: Single Double Twin
Reservation guaranteed by credit card
Type: _____
N° _____ Expiry date: _____ / _____
Cardholder's name: _____

Date and signature:

The deadline for booking is February 15th, 2007.

After this date reservations and prices depend on hotel availabilities.

*** MERCURE Cité Mondiale Tel.: +33 (0)556 01 79 79
(single €98 - breakfast €14) Fax: +33 (0)556 01 79 00
20 parvis des chartrons
33000 Bordeaux

*** MERCURE CHÂTEAU CHARTRONS Tel.: +33 (0)556 43 15 00
(single €98 - breakfast €14) Fax: +33 (0)556 69 15 21
81 cours Saint Louis
33000 Bordeaux

*** HOTEL SAINTE CATHERINE Tel.: +33 (0)556 81 95 12
(single €77.5 - breakfast €12) Fax: +33 (0)556 44 50 51
27 rue du parlement Ste Catherine
33000 Bordeaux

REGISTRATION FORM

See details on « Registration Fees » page (1 form per person)

CTBA - Allée de Boutaut - BP 227 - 33028 Bordeaux Cedex - France

By fax: +33 (0) 556 43 63 02

For the attention of / A l'attention de Madame Véronique CHAUVEL

Name / Nom: _____ First name: _____
Title / Titre: _____
Company / Société: _____
Activity/activité: _____
Address / Adresse: _____

Country / Pays: _____
Tel n° / Tél.: + _____
Fax: + _____
E-mail: _____

Please send this form with your payment to CTBA before February 15 2007

| | Before tax | Inc.VAT |
|--|-----------------------------------|------------------------------------|
| Regular fee (including dinner): | <input type="checkbox"/> €550* | <input type="checkbox"/> €657.80 |
| Without dinner: | <input type="checkbox"/> €490* | <input type="checkbox"/> €586.04 |
| Technical Centers, Universities and speakers (including dinner): | <input type="checkbox"/> €440* | <input type="checkbox"/> €526.24 |
| Without dinner: | <input type="checkbox"/> €380* | <input type="checkbox"/> €454.48 |
| Exhibitor (including 9 sq. m stand): | <input type="checkbox"/> €1.100** | <input type="checkbox"/> €1.315.60 |
| Exhibitor (including 12 sq. m stand): | <input type="checkbox"/> €1.300** | <input type="checkbox"/> €1.554.80 |
| Platinum sponsor: | <input type="checkbox"/> €1.600 | <input type="checkbox"/> €1.913.60 |
| Gold sponsor: | <input type="checkbox"/> €800 | <input type="checkbox"/> €956.80 |
| Silver sponsor (argent): | <input type="checkbox"/> €400 | <input type="checkbox"/> €478.40 |

SIRET : _____ APE : _____

*Your company's international VAT n°: _____

** including fee for one participant

3rd Wood Fibre Polymer International Symposium
March 26 & 27, 2007

Hotel Booking

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France

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Centre Technique du Bois et de l'Ameublement
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Allée de Boutaut
BP 227
F - 33028 Bordeaux Cedex