

HOW TO GET TO THE SYMPOSIUM VENUE "CITÉ MONDIALE"

FROM BORDEAUX MÉRIGNAC AIRPORT:

by taxi or by airport shuttle bus "JetBus" (30-45 minutes transport time). The "JetBus" leaves the terminal Hall B from 7:45 to 22:45 every 45 minutes. The shuttle stop "Quinconces" is at a walking distance of about 10 minutes from the Cité Mondiale and the hotels of the list.
<http://www.bordeaux.aeroport.fr>.

FROM ST JEAN TRAIN STATION:

by taxi or by tramway C, Direction "Les Aubiers" stop at "Quinconces" and take the tramway B Direction "Bassins à Flot" and stop at "CAPC (Musée d'art Contemporain)" (30 minutes transport time).

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, slow down because the sign for the Cité Mondiale is small. The Cité Mondiale is on your left 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. Slow down because the sign for the Cité Mondiale is small. The Cité Mondiale is on your right 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, slow down because the sign for the Cité Mondiale is small. The Cité Mondiale is on your left and you will have to cross the tram rails to enter the car park.



REGISTRATION FEES

	Before tax	Inc. VAT
Regular fee including gala dinner:	580 €	(693.68 €)
without dinner:	520 €	(621.92 €)
Technical Centres and Universities including gala dinner:	460 €	(550.16 €)
without dinner:	400 €	(478.40 €)
Speakers (including gala dinner):	250 €	(299.00 €)
Exhibitor (9 sq. m stand):	1.200 €	(1.435,20 €)
Exhibitor (12 sq. m stand):	1.400 €	(1.674.40 €)

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 cards please

PAYMENT:

- by cheque payable to "FCBA"

- by credit transfer to: CREDIT AGRICOLE Ile De France Bank account of FCBA

Bank Code: 18206 Branch code: 00280

Account number 21590259001 - 12 Swift code: AGRIFRPP882

IBAN: FR76 1820 6002 8021 5902 5900 112

ACCOMMODATION:

FCBA has pre-reserved rooms in several hotels located near the symposium area.

The number of rooms is limited, so please contact the hotel before **February 13, 2009**

to book your room (see list behind this page).

GENERAL INFORMATION

Date: March 30 - 31, 2009

Venue: Cité Mondiale - 20 Parvis des Chartrons - Bordeaux - France

Airport: Bordeaux-Mérignac International Airport

Sessions: Start on Monday, March 30 at 9.00 a.m. and finish on Tuesday March 31 at 4.00 p.m.

Languages: English and French - Simultaneous translation will be provided.

Secretariat: FCBA - Catherine WEBER

BP 227 - 33028 Bordeaux Cedex - France

Tel. : +33 (0)5 56 43 63 80 - Fax : +33 (0)5 56 43 64 78 - E-mail : woodpolymer@fcba.fr

SCIENTIFIC COMMITTEE

Chairman : Dr Gilles LABAT

Claudine BLOYAERT - SOLVIN R&T (Belgique)

Philippe CREZ - Silvadec (France)

Asta EDER - Wood Kplus (Autriche)

Thierry GAY - Lapeyre (France)

Philippe HAJJI - ARKEMA (France)

Takeyasu KIKUCHI - WPC Corporation (Japon)

Gilles LABAT - FCBA (France)

Stéphane LAURENT - Rettenmaier Fr. (France)

Laurent MATUANA - Michigan States University (USA)

Mohini SAIN - Université de Toronto (Canada)

Michel VERNOIS - (France)

SCIENTIFIC CONFERENCE COMMUNICATIONS

Dr Gilles LABAT

assisted by Patricia CARREROT

Tel. : +33 (0)5 56 43 63 21

REGISTRATION AND LOGISTICS

Catherine WEBER

Tel. : +33 (0)5 56 43 63 80

E-mail : woodpolymer@fcba.fr



INSTITUT
TECHNOLOGIQUE

4th Wood Fibre Polymer Composites International Symposium

Natural Fibre to Building and
Furniture products:
Innovation and Technologies

Join us to learn,
exchange
and progress!

March 30-31, 2009

Cité Mondiale

Bordeaux - France

Programme and registration

Paper submission date, registration and reservation
of an exhibition space before **February 13, 2009**

OBJECTIVE OF THE SYMPOSIUM:

An overview of recent developments in WPC applied to the construction and furniture industries. FCBA is proud to announce its Fourth International Symposium on Wood Fibre Polymer Composites. The 2009 edition will especially focus on alternative products issuing from renewable resources: "Natural Fibre to Building and Furniture products: Innovation and Technologies".

BENEFITS FOR YOUR COMPANY:

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, panel discussions and the poster session. Get the full picture on new developments in Europe and worldwide.
- Taking an active part in the Technical Exhibition over the two days. (more than 10 industrial attendees are already registered).
- Establishing professional relationships with producers and users.

WHO SHOULD ATTEND:

- › Producers of wood raw materials and natural fibers, plastics, additives,
- › Producers of WPC (building construction, furniture, houses equipment, automotive and other sectors),
- › Suppliers of wood, natural fibres,
- › Suppliers of plastics and additives,
- › Suppliers of bioplastics and biopolymers,
- › Suppliers of process equipment,
- › Engineers and consultants,
- › Architects and owners,
- › End-users or consumers.

EXHIBITION STANDS:

Throughout the whole symposium, 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.

Stands may be installed from 2.0 pm on **Sunday March 29**.

Stand dismantling will take place from 4.30 pm on **Tuesday March 31**

and may continue if necessary in the morning of **April 1st**.

For more details, please contact Mrs. Catherine Weber by phone: +33 (0)5 56 43 63 80 or by mail: woodpolymer@fcba.fr and reserve before **February 13, 2009** with the registration form B.

POSTER SESSION:

Take the opportunity to discover additional research topics during the two days conference.

SPONSORSHIPS:

Enhance your image by publishing your company logo and an advertisement in the final programme of the "4th European Symposium on Wood Fibre Polymer Composites", 2009 and free insertion of your logo in our e-mailings follow-up.

Offers :

Platinum sponsor	1 600 €	for one full page
Gold sponsor	800 €	1/2 page
Silver sponsor	400 €	1/4 page

Don't miss these great opportunities! We look forward to welcoming you to Bordeaux.

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

Natural Fibre to Building and Furniture products: Innovation and Technologies

Session 1	Advances on market acceptance, business opportunities and standardization outlook
Session 2	Innovation for building and furniture
Session 2A	Innovation on raw materials and formulations
Session 2B	Recent progress on products and technologies
Session 2C	Wood polymer composites in building and furniture applications
Session 3	Research and development
Session 4	Performance assessment of products and testing
Session 5	Environmental issues

→ MARCH 30, 2009

8.00 – 9.00 REGISTRATION AND WELCOME

9.00 – 9.15 OPENING REMARKS – FCBA

9.15 – 9.45 KEYNOTE PAPER

- Overview of Opportunity for Advanced Cellulosic Materials in Green Economy
Mohini Sain, University of Toronto, Canada

9.45 – 11.00 SESSION 1: ADVANCES ON MARKET ACCEPTANCE, BUSINESS OPPORTUNITIES AND STANDARDIZATION OUTLOOK

- Enhancing Wood Fiber for the WPC Market
Brian Mischnick, American Wood Fibers, USA
- Market acceptance of WPC by architecture design and standards in Asia Market
Takeyasu Kikuchi, WPC Corporation, Japan
- Standardisation on WPC in Europe and national quality labels
Wim Grymonprez, Deceuninck, Belgium
- Overview of French validation approach
Serge Le Nevé, FCBA, France

11.00 – 11.20 COFFEE BREAK

11.20 – 12.45 SESSION 2A: INNOVATION ON RAW MATERIALS AND FORMULATIONS AND SESSION 3: RESEARCH AND DEVELOPMENT

- An enzyme discovery and engineering approach for the production of nanofibres
Dinesh Christendat, University of Toronto, Canada
- New High Performance Coupling Agents for the Wood Plastic Composites based on Polyolefins
Jean R. Pierre, Chemtura Company, Belgium
- Solid state microcellular foamed PLA/wood-flour composites : morphology and property characterization
Laurent Matuana, Michigan States University, USA
- Wood Plastic Composites from modified Wood and Cap
Kristoffer Segerholm, Royal Institute of Technology, Sweden

12.45 – 14.15 LUNCH

14.15 – 15.45 SESSION 2B: RECENT PROGRESS ON PRODUCTS AND TECHNOLOGIES

- Rheology of Novel Self-Assembling Carbohydrate Surfactants in Cellulose-Plastic Composites
David P. Harper, The University of Tennessee, USA
- Co-extrusion of a Clear Film over Wood-Plastic Composites for Improved Durability
Nicole M. Stark, USDA Forest Products Laboratory, USA
- Cellulose Fiber Reinforced Polypropylene Composite Foams in Extrusion
Takashi Kuboki, University of Toronto, Canada
- Glue-bonding of WPC with various materials – effects of surface activation
Mario Beyer, Institut für Holztechnologie GmbH, Germany

15.45 – 16.15 COFFEE BREAK

16.15 – 17.30 SESSION 4: PERFORMANCE ASSESSMENT OF PRODUCTS AND TESTING

- Annual Vegetable Fibres for Materials: which Fibre for which Application?
Laurent Augier, Technopole de l'Aube en Champagne, France
- The Correlations between Material Properties and the Mechanical Performance of extruded Wood Plastic Composite Profiles
Christoph Burgstaller, Transfercenter für Kunststofftechnik GmbH, Austria
- Torque Viscometry of Wood Polymer Composites
Cristiano R. Santi, Federal University of Sao Carlos, Brazil
- Composite Materials produced from Cellulosics fibres, Microfibrils and Nanocrystals
Denilson Da Silva Perez, FCBA, France
- Natural Fibers as a Raw Material for the Production of Nanocomposites
Alcides Leao, FCA/UNESP, Brazil

20.00 GALA DINNER

→ MARCH 31, 2009

08.45 – 09.00 OPENING REMARKS

09.00 – 10.15 SESSION 2C: WOOD POLYMER COMPOSITES IN EXCEPTIONAL BUILDING AND FURNITURE APPLICATIONS

- Ready to Use WPC Compounds to maximise profitability
Marc Thometschek, Beologic nv, Belgium
- Wood Plastic Composite Applications in Lagoon environment – mooring poles & decking
Fabrizio Bettiol, Michela Trabucco, Bizeta, Italy
- Rotowood – Rotomoulding of WPC
Hans Korte, Innovationsberatung Holz & Fasern, Germany
- WPC Furniture and Home Design of Normandy
Christian Gondard, ISPA, France

10.15 – 10.45 COFFEE BREAK

10.45 – 12.15 SESSION 4: PERFORMANCE ASSESSMENT OF PRODUCTS AND TESTING (CONTINUED)

- Comprehensive Characterization of WPC-Materials – Comparison of European WPC-Deckings
Andreas Haider, Kompetenzzentrum Holz GmbH, Austria
- Additivated Wood-Plastic Composites to improve Fire and Durability Performance
Miriam Garcia, CIDEMCO, Spain
- Moisture behaviour and biological durability of Wood-Polymer Composites
Joris Van Acker, Ghent University, Belgium
- Effect of Wood Species on the Performance of Wood Plastic Composites
Armando G. McDonald, University of Idaho, USA
- Antimold Agents for Wood Plastic Composites
Niall D'Arcy, Waterford Institute of Technology, Waterford, Ireland

12.15 – 14.15 LUNCH

14.15 – 15.30 SESSION 5: ENVIRONMENTAL ISSUES

- Life Cycle Assessment of Wood Polymer Composite Deck
Claire Michaud, FCBA, France
- Bio composite Research as a Way to add Value and Sustainability to Composites
Johanna Lampinen, VTT, Finland
- Lightweight! No matter what the costs?
Jürgen Steger, Sachsen Leinen GmbH, Germany
- Design with Wood-Plastic Composites
Jose Carlos M. Almeida, University of Aveiro, Portugal

15.30 – 16.00 CONCLUSION AND PERSPECTIVES

16.00 CLOSE