



INSTITUT TECHNOLOGIQUE

FPIinnovations
FORINTEK



ISCHP|09

2nd international scientific
conference
on hardwood processing

September 28th-29th, 2009

Paris, FRANCE

Conferences and exhibition

Please note this meeting in your agenda!

LRMH

Laboratoire de Recherche des Monuments Historiques

2nd international scientific conference on hardwood processing

In september 2007 was held in Quebec City, Canada, the first international scientific conference on hardwood processing. This conference gathered more than a hundred people from ten different countries.

The second edition of this international conference will take place in Paris (France)
September 28th – 29th, 2009

A post conference tour will be organised on september 30th in Paris, under the thema “**wood and culture heritage**” bringing you to different special places in Paris and around.

Forest based and furniture sectors are concerned.

International experts, scientists and industrial partners will participate to share with you scientific knowledge and innovation in the field of hardwood processing.

CONFERENCES

- session 1 **MARKETS:** where are the current trends for the hardwood markets (temperate, tropical) with a view on the different continents?
North America, Europe, Tropical areas...
- session 2 **PRODUCT DEVELOPMENT:** which products are new in construction, packaging, furniture, pulp and paper, and also in “speciality products” (medicine...)?
What are the new trends in green chemistry and nanotechnology?
- session 3 **PROCESS OPTIMIZATION:** what are the improvements in different processings specific to hardwoods (forestry, harvesting, drying, machining, wood modification, furniture...)?
- session 4 **SUSTAINABLE DEVELOPMENT:** how can we counteract climate change issues through integrating sustainable development research?

Keynote speakers:

Dr Ed Pepke:	Forest certification in the context of sustainable development
Dr Frank Werner:	Impact of forests on climate change (carbone storage...)
Dr Tony Pizzi:	New processes for assemblies (welding, gluing...)
Dr Jean-Pierre Haluk:	Perfume trees
Dr Patrick Langbour:	Market trends for tropical forests
Dr William Luppold:	North American hardwood market trends
Dr Attilio Griner:	Working centres in primary and secondary transformations of solid wood

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PROGRAMME

Monday, September 28

- 08:30-09:00 Registration
- 09:00-09:30 Opening session
Daniel Guinard and Frédéric Rouger, FCBA, France
- 09:30-13:00 SESSION 1 - Moderators: Torsten Lihra and Elisabeth Le Net**
- 09:30-10:15 **Patrick Langbour (Keynote Speaker), CIRAD, France**
Market trends for tropical hardwoods
- 10:15-11:00 **William Luppold (Keynote Speaker), USDA Forest Service, USA**
The North American Hardwood Market : past, present and future
- 11:00-11:25 **Erkki Verkasalo, METLA The Finnish Forest Research Institute, Finland**
Potential of European birch species for further product development of veneer and plywood - recovery, grades and mechanical properties and future market requirements
- 11:25-11:45 *Coffee break*
- 11:45-12:10 **Bruno Couture, Q-WEB, Quebec, Canada**
Wood products marketing and design in Canada : "from potato to gratin dauphinois"
- 12:10-12:35 **Torsten Lihra, FPInnovations - Forintek, Quebec, Canada**
Consumer perception of mass customized furniture
- 12:35-13:00 **Myriam Drouin, University of Laval, Quebec, Canada**
Sources of variability of red heartwood in paper birch wood and its impact on grade recovery and product value
- 13:00-14:00 *Lunch*
- 14h00-18h00 SESSION 2 - Moderators: Rosilei Garcia and Erkki Verkasalo**
- 14:00-14:45 **Jean-Pierre Haluk (Key Note Speaker), ENSAIA, France**
Perfum trees
- 14:45-15:30 **Les Fils de Georges, France**
Sawed veneers for creation and restoration
- 15:30-15:55 **Jean-Denis Lanvin, FCBA, France**
Simplified strength properties assessment for tropical hardwoods in view to CE marking
- 15:55-16:15 *Coffee break*
- 16:15-16:40 **Alfred Teischinger, BOKU University, Austria**
Customization of parquet production by naturally designed hardwood floors
- 16:40-17:05 **Pierre Blanchet, FPInnovations, Quebec, Canada**
OSB panel as substrate for engineered wood flooring
- 17:05-17:30 **Hermann Pleschbreger, Wood K plus, Austria**
Fracture energy along the grain of solid hardwood under mode I loading after selected drying schedules
- 17:30-18:00 1st poster session
- **Christian Hansmann, Wood K plus, Austria**
Small diameter hardwood - New potentials using hardwood with small diameters in forestry and timber industry
 - **Anna Sandak, IVALS/CNR, Italy**
Assessment of the willow clones (Salix sp.) with near infrared spectroscopy
 - **Gaetano Castro, CRA-PLF, Italy**
Technological characteristics and attitude to plywood production of the wood of six new Poplar clones
 - **Jean-François Bouffard, FPInnovations, Quebec, Canada**
Optimisation of EWF using HDF panels as substrates
- 20:00 **Gala dinner**

Tuesday, September 29

- 08:30-13:00** **SESSION 3 - Moderators: Pierre Blanchet and Maryse Bigot**
- 08:30-09:15 **Tony Pizzy (Keynote Speaker), ENSTIB, France**
New joining techniques for hardwood species
- 09:15-10:00 **Attilio Griner (Keynote Speaker), ACIMALL, Italy**
Working centres in primary and secondary transformations of solid wood
- 10:00-10:25 **Marco Fellin, Universita Degli Studi di Padova, Italy**
Surface process effect on PVAc glued joints
- 10:25-10:50 **Mariella De La Cruz - Lefevre, AgroParisTech, France**
Reducing shrinkage defaults and/or the drying time by oscillating drying conditions
- 10:50-11:15 *Coffee break*
- 11:15-11:40 **Rado Gazo, Purdue University, USA**
Hardwood Log CT Scanning - Proof of Concept
- 11:40-12:05 **Veronic Landry, FPInnovations, Quebec, Canada**
Nanocrystal cellulose-based Nanocomposites coatings
- 12:05-12:30 **Mathew Leitch, Lakehead University, Canada**
Effect of high temperature on wood properties of canadian boreal hardwood species :
case study of black ash from northwestern Ontario
- 12:30-13:00 2nd poster session
• **Marco Fellin, Universita Degli Studi di Padova, Italy**
Influence of spreading rate and gluing pressure onPVAc glue joints effectiveness
• **Ignazia Cuccui, IVALSA/CNR, Italy**
Mid-Term colour change of finished and non-finished temperate hardwood due to natural
and artificial ageing
• **Andrea R. Proto, IVALSA/CNR, Italy**
Dust exposures in the wood processing industry in Northeast Italy
• **Christian Hansmann, Wood K plus, Austria**
Young plantation teak from Costa Rica - material assessment of young teak grown on
reforested fallow pastures
- 13:00-14:00 *Lunch*
- 14:00-17:30** **SESSION 4 - Moderators: Gérard Deroubaix and Dave Cohen**
- 14:00-14:45 **Ed Pepke (Keynote Speaker), UNECE/FAO Timber Section, Switzerland**
Forest certification in the context of sustainable development
- 14:45-15:30 **Frank Werner (Keynote Speaker), Werner Environment and Development, Switzerland**
Greenhouse gas dynamics of different forest management and wood use scenarios in
Switzerland
- 15:30-15:55 **Tao Wang, The Chinese Academy of Forestry, China**
Breaf introduction to the "Investigation, Development and Application of
the Chinese Woody Energy Plant Resources"
- 15:55-16:15 *Coffee break*
- 16:15-16:40 **Eva Haviarova, University of Purdue, USA**
Promoting sustainable forest industry development - forest products web community
- 16:40-17:15 Conclusion and perspectives : **Gérald Beaulieu (Canada) and Frédéric Rouger (France)**

Wednesday, September 30

During the post conference day, you will have the opportunity to discover specific uses of hardwood species.

Morning Manufacturing of sawn veneer used in marquetry : visit of "Les Fils de Georges"

Lunch

Afternoon Use of hardwoods for the renovation of heritage buildings: site visit

TECHNICAL EXHIBITION

During the conference, you will have the opportunity to present your products, technologies and services, register now.

ORGANIZATION COMMITTEE:

Marylise GOUEFFON (FCBA)
Pierre BONFILS (FCBA)
Fabienne GROSSMANN (FCBA)
Emmanuel MAURIN (LRMH)

SCIENTIFIC COMMITTEE:

Chairman: Dr Frédéric ROUGER (FCBA)
Dr Frédéric SIMON (FCBA)
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Dr Anne VARET (FCBA)
Gérald BEAULIEU (FP Innovations)
Dr Pierre BLANCHET (FP Innovations)
Dr Stefano BERTI (IVALSA)
Dr Michele Brunetti (IVALSA)

GENERAL INFORMATION

Date: **September 28th-29th, 2009**
Place: **FCBA - Institut Technologique
10 avenue de Saint-Mandé - 75012 Paris - France**
Conference Language: **English and French** (*simultaneous translation provided*)
Location: **FCBA is located in central Paris. It can be reached
from both major airports (Orly and Roissy
Charles de Gaulle) and by train
Public transportation from the airports is available
A list of hotels is included**
Accommodation: **A list of hotels is included**

REGISTRATION FEES

Regular fees (<i>including gala dinner</i>):	450 € (538.20 € TTC)
Regular fees without gala dinner:	350 € (418.60 € TTC)
Students (<i>including gala dinner</i>):	300 € (358.80 € TTC)
Students (<i>without gala dinner</i>):	200 € (239.20 € TTC)
Post conference tour, September 30 th , 2009:	50 € (59.80 € TTC)
Gala dinner for accompanying person:	100 € (119.60 € TTC)

PAYMENT

Payment shall be sent together with your registration.
Registration forms without payment will not be processed.
A receipt will be given to the participant upon arrival.

FCBA CONTACTS

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Organisation

