

Chemical & Biochemical Wood Valorization

3 & 4 February 2009 - Epinal, France

Objectives

As petroleum becomes more expensive, scarcer, and is recognized as environmentally not friendly (CO₂), it is obvious that another carbon source, such as biomass and mainly wood, may serve as alternative raw material. Its conversion into bio-products is, nowadays, technologically feasible.

One of the objectives of the "Fiber Cluster" is to promote chemical conversion of wood, on a future platform under setting up.

On this occasion, the Cluster and FFC (French Federation for Chemical sciences) organize together, in Epinal (France), an international conference: "Chemical and biochemical wood conversion".

The main objectives of this conference are:

- International overview of past, present and potential future bio-products derived from wood, with their conversion processes.
- Panel discussion "Challenges and perspectives for Research, Innovation, Industry and the Fiber Cluster".

This scientific and technical event will allow discussions between participants, speakers and authors of posters, with an international, multi-sector and multidisciplinary approach.

It will encompass during one and half day, participants from Pulp and Paper, Wood Industry, Chemical Industry, Research and University, European professional unions.

Organizing Committee

Michel AZEMAR – FFC
Catherine BEC – FFC
Pascale BRIDOU-BUFFET – FFC
Jean BUENDIA – Adebiotech
Karl GEDDA – Pôle Fibres Grand Est
Julia GROLERE – FFC
Patrice MEHEUX – FFC
François ROCQUET – FFC
Agnès SZABO – Pôle Fibres Grand Est

Scientific Committee

Michel AZEMAR – FFC
Hilaire BEWA – ADEME
Redouane BORSALI – CERMAV
Jean BUENDIA – Adebiotech
Xavier DEGLISE – Université Nancy I
Alain DURAND – ENSIC
Karl GEDDA – Pôle Fibres Grand Est
Eric MASSON – CRITT Bois
Anne VARET – FCBA

Registration fees

Industry	150 € (VAT 19.6 % included)
Academic or FFC Member	100 € (VAT 19.6 % included)
Student	50 € (VAT 19.6 % included)

Registrations will only be effective on receipt of the registration fees, or an order form.

Registration fees include admission to all conference sessions and poster presentations, book of abstracts, detailed program, list of participants, lunches, coffee-breaks and gala dinner.

Venue

Pôle Fibres Grand Est - Campus Fibres - 27 rue du Merle Blanc - 88000 EPINAL, France

Cancellation

In order to be entitled to a 50% refund on registration fees, all cancellation requests must be received by registered letter on or by **January 20, 2009**.

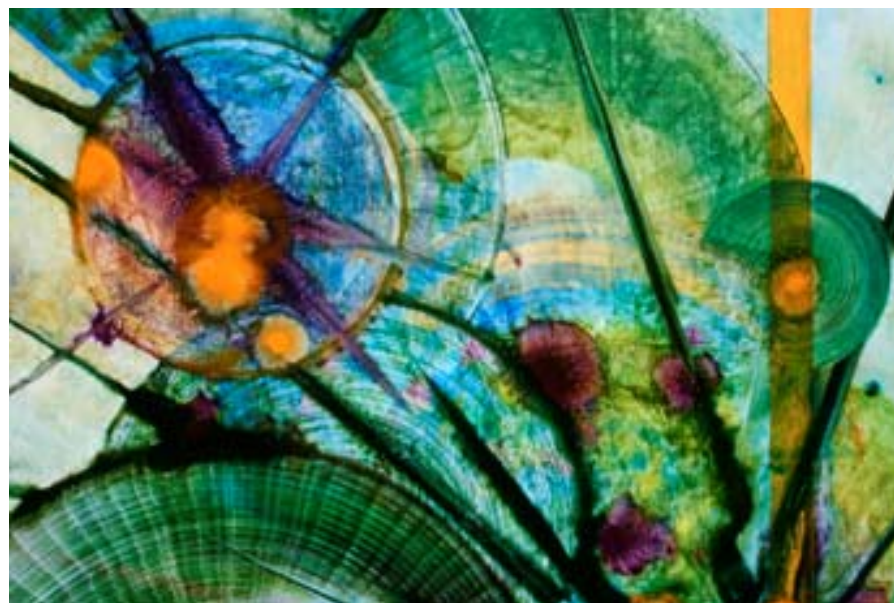
Contact

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Chemical & Biochemical Wood Valorization: Solutions for New Materials and Products?

*A "Wood Intelligence" conference
and a Chemistry for a sustainable development® Project*

Under the Patronage
of Mrs Nathalie KOSCIUSKO-MORIZET, Secrétaire d'État chargée de l'Écologie



3 & 4 February 2009
Epinal, France

PRELIMINARY PROGRAM

www.ffc-asso.fr/wood2009
www.polefibres.fr



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Preliminary Program

TUESDAY 3 FEBRUARY 2009

09:30 ▪ Political welcome

- Objectives of the Cluster – Karl GEDDA (Pôle Fibres, France)

Session 1: Background

- Beyond Petrol Issues – Daniel MARINI (UIC, France)
- Wood Availability
 - Overall mass balance of the chain – Ludovic GUINARD (FCBA, France)
 - New supply sources – Fleur LONGUETAUD (INRA, France)
 - Paper chain – Art RAGAUSKAS (Georgia Tech, USA)
- Debate

12:30 Lunch

Session 2: Bioextraction

- 14:15 ▪ Pre-treatment – Naceur BELGACEM (Grenoble INP Pagora, France)
- Biorefineries – Art RAGAUSKAS (Georgia Tech, USA)
 - Swedish example – Peter AXEGÅRD (SFTI, Stockholm, Sweden)
 - Japanese example – Bunichiro TOMITA (University of Tsukuba, Japan)

15:30 Coffee Break & Poster session

Session 3: Transformation and use of wood constituents

- 16:00 ▪ Cellulose acetate – Paul RUSTMEYER (Rhodia, France)
- Hemicellulose – Alessandro GANDINI (University of Aveiro, Portugal)
 - Lignin – Elisabeth SJÖHOLM (SFTI, Stockholm, Sweden)
 - Nanofibers – Denilson DA SILVA PEREZ (FCBA, France)
 - Resins, terpenes, essential oil – Jean-Claude POMMIER (Institut du Pin, France)
 - Tannins – Afidah ABDUL RAHIM (University of Malaysia)

19:30 Gala Dinner



WEDNESDAY 4 FEBRUARY 2009

Session 4: New materials (needs and expectations)

- 08:30 ▪ Wood Polymers – Kari KOLPPO (Tampere University of Technology, Finland)
- Polymers reinforcement – Philippe TINGAUT (EMPA, Switzerland)
 - New adhesives – Antonio PIZZI (University of Nancy - LERMAB, France)
 - Wood protection – Silham EI KASMI (LAPEYRE, France)
 - Wood-Polymers composites
 - New Polymers – Luc AVEROUS (University of Strasbourg, France)
 - Life Cycle Assessment – Sylvain CAILLOL (CNRS/ENSCM, France)

Round Table

- 12:00 ▪ Wood: Raw Material for Tomorrow's Materials.
Managed by Nicolas BROSSE (University of Nancy - LERMAB, France).
With the participation of Philippe GERARDIN (University of Nancy - LERMAB, France),
Armand KLEM (Norske Skog, Norway).

13:30 Lunch

**More information are available
on the web regularly updated:**

www.ffc-asso.fr/wood2009