



®WOODCHEM

2017



NANCY - FRANCE
December, 6th and 7th 2017



First announcement and call for papers

The WOODCHEM® 2017 Congress is an international scientific conference dedicated to wood-based chemistry

Covering a wide range of topics related to the chemical and biochemical uses of wood and related biomass, WOODCHEM® 2017 will provide an excellent opportunity for scientists, engineers, manufacturers and other specialists to discuss and share their expertise and for policy makers and government officials to showcase cutting edge technology for the sustainable large-scale wood based industries of the future.

WOODCHEM® 2017 will take place in Nancy, France on 6-7 December 2017. The conference is organised by the French cluster Fibres Energivie with the support of Xylofutur, Cosmetic Valley and Industries & Agro Ressources clusters. As in previous years (Strasbourg 2011, Epinal 2009 and Nancy 2013), our scientific and organising committees are committed to organising a rewarding conference for all participants. It is with great pleasure that we invite authors to submit their presentations and papers on the conference topics and to participate in WOODCHEM® 2017.

Professor Philippe GERARDIN

Chairman of WOODCHEM® 2017 - Université de Lorraine, Nancy, France



Conference Topics

The Woodchem® 2017 conference will focus on the chemical and biochemical conversion of wood and its by-products into bio-sourced molecules, macromolecules, polymers and materials. The conference also covers the whole supply chain and the processing of wooden biomass into useful chemicals or products. We therefore invite authors to contribute original papers on the following topics.

@ EMERGING TECHNOLOGIES FOR WOOD-BASED CHEMISTRY

We are looking for technical science contributions on clean extraction, modification and transformation processes and, more specifically, on the following topics:

- > Forest resources and industrial by-products
- > Fractioning technologies
- > Bio-refinery technologies
- > Green extraction processes

@ NEW DEVELOPMENTS IN WOOD-BASED CHEMICAL INTERMEDIATES

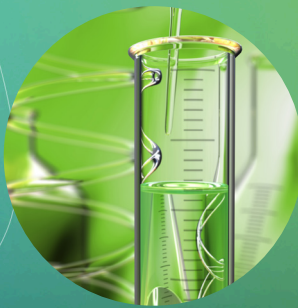
- > Extractables (terpenes, flavonoids, lignans, stilbenes, tannins, phenolic compounds, alkaloids etc.)
- > Building blocks (aromatic building blocks, C5 and C6 chemicals, furan derivatives etc.)
- > Bulk polymers (aromatics and lignin derivatives, polysaccharides, cellulosic polymers, Nanocellulose etc.)

TARGET APPLICATIONS

- > The latest innovations and developments for industrial formulation: lubricants, surfactants, adhesives, plasticizers, paints, coatings, inks and solvents...
- > Or formulations for consumer goods or industrial cleaning: home care, personal care, antioxidants, antiseptics, cleaning products etc.
- > Materials such as modified wood or wood-based composites / plastics

FOR THE FOLLOWING SECTORS

- > Construction and housing
- > Transport (automotive, aeronautics, train, nautics)
- > Healthcare (phytotherapy, pharmacy, nutraceuticals, cosmetics etc..)
- > Chemical industries (Building blocks, polymers)



⑩ Scientific committee

Professor Philippe GERARDIN

Chairman of WOODCHEM® 2017 -

Université de Lorraine, Nancy, France

Pr. Luc Averous, Université de Strasbourg, France

Pr. Nicolas Brosse, Université de Lorraine, France

Dr Julien Bourlier, Pôle Fibres Energivie

Pr. Alain Celzard, Université de Lorraine

Dr. Christine Chirat, Grenoble INP-Pagora, France

Dr. Francis Colin, INRA, France

Dr. Erwin Dreyer, INRA, France

Pr. Meriem Fournier, AgroParisTech, France

Pr. Christine Gérardin, Université de Lorraine, France

Pr. Stéphane Grelier, Université de Bordeaux, France

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Mr Armand Klem, Norske Skog Golbey, France

Dr. Bernard Kurek, INRA, France

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Pr. Wasrin Syafii, Bogor University, Indonesia

Mr Jacky Vandeputte, Pôle Industrie & Agro-Ressources

Mr. Pascal Xanthopoulos, Polybridge, France

⑩ Organizing committee

Pr. Nicolas Brosse, Université de Lorraine, France

Mr Johan De Coninck, Pôle Industrie & Agro-Ressources

Dr. Erwin Dreyer, INRA, France

Mr Michel Flambeau, Pôle Fibres-Energivie

Pr. Meriem Fournier, AgroParisTech, France

Pr. Christine Gérardin, Université de Lorraine, France

Pr. Philippe Gérardin, Université de Lorraine, France

Ms Hannah Kuebler, Pôle Fibres-Energivie

Ms Marina Lopez-Guía, Pôle Xylofutur

Ms Héléne Meyer, Pôle Fibres-Energivie



Call for papers

We invite authors to contribute with original papers related on the topics covered by **WOODCHEM® 2017** for presentation at the conference.. The submitted abstracts will be subject to peer review. Presentations will be 20 minutes long. You also have the option of contributing a poster to be presented at the conference.

@ ABSTRACTS

a SUBMISSION

Abstracts must be submitted to the following address: contact@woodchem.fr

b INSTRUCTIONS

Authors should read the instructions below carefully before submitting abstracts: Authors are invited to submit abstracts on topics within the scope of the conference. When submitting abstracts, the following guidelines must be followed:

- > Abstracts should be 400-500 words in length
- > Abstracts must not exceed one page
- > Abstracts should clearly indicate the purpose of the work, approach and methodology, imitations and significant findings. Concise conclusions or recommendations should be included.
- > Abstracts should not contain figures, tables, equations or references.
- > Abstracts must be in editable format, preferably Microsoft Word (Calibri, size 11).
- > Any submissions must state the topic reference.

Only contributions that meet the above specifications will be considered for review. Please state whether you would prefer to contribute an oral presentation, a poster or both.

c DEADLINES

The deadline for abstracts is 31/07/2017. Authors will be notified whether their abstract has been accepted by 15th September 2017.

d ADDITIONAL INFORMATION: www.woodchem.fr



Preliminary Programme

@ **DECEMBER, 6th 2017**

Introduction: Bioeconomy of the timber sector

SESSION 1 - THE FOREST RESOURCE

This first session is dedicated to presentations dealing with how innovative end uses drawing on wood chemistry may transform traditional organisation of the forest and wood-derived industries and could add value and promote a better use of forest resources. It will include papers on raw material assessment (in terms of quality and quantity, forest resources or supply chains and cascading uses) and systems analysis (policy and economics, durability assessment, supply chains etc.)

SESSION 2 - MOLECULES DERIVED FROM WOOD FOR USE IN COMMODITY CHEMICALS

This session is dedicated to the fractioning, biorefinery and development of new bio-sourced platform molecules derived from lignin and polysaccharides (C5 and C6 compounds). Examples of collaborative research programmes involving academics and manufacturers are particularly welcome.

@ **DECEMBER, 7th 2017**

SESSION 3 - MOLECULES DERIVED FROM WOOD FOR USE IN SPECIALITY CHEMICALS

This session is dedicated to the extraction, characterisation and uses of secondary metabolites derived from wood. Uses may include antioxidants, antiseptics, nutraceuticals, pharmaceuticals, cosmetics or any other applications... Examples of collaborative research programmes involving academics and manufacturers are particularly welcome.

SESSION 4 - NEW MATERIALS DERIVED FROM WOOD

This session is dedicated to the development of new materials derived from wood. It will cover solid wood modification, new composites from wooden biomass as well as new resins or polymers obtained from molecules or macromolecules extracted from wood. Here too, examples of collaborative research programmes involving academics and manufacturers are particularly welcome. Simultaneous interpretation available in English and French.

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Practical Information

® REGISTRATION

Registration for the conference is through the website only:

www.woodchem.fr

The registration fee (€420) includes all scientific sessions of the conference, all conference materials, lunches and coffee breaks.

Early bird rate until 15 September	Members of the four organizing clusters	Students	Registration fee after 15 September
390€ TTC	360€ TTC	195€ TTC	420€ TTC

® ENQUIRIES

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