



Editorial

Woodchem® 2017 – 6-7 December
In Nancy – wood conquers chemistry

Whether you're in the forestry sector, research, manufacturing or government, come meet us and discuss this sector of the future: wood chemistry!

Today the applications of wood chemistry may be part of a niche market, but many manufacturing sectors see in them an unquestionably promising market. Solutions for alternative materials and new products from this fully renewable material offer prospects for more than ten application sectors including agriculture and food, biofuel and pharmacology.

Wood chemistry meets the demands of the environment and the circular economy. Many technical opportunities are yet to be explored. Over 150 professionals are expected this year and all share the same conviction: developing this nascent industry will be an unavoidable challenge in the future.

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Jean-Luc Sadorge
Director of
Pôle Fibres-Energie



Philippe Gérardin
Professor at
Université de
Lorraine

Woodchem 2017: what you need to know

THE GET-TOGETHER TO BUILD THE FUTURE OF GREEN CHEMISTRY

ON 6-7 DECEMBER WOODCHEM WILL HOLD THE 4TH INTERNATIONAL CONFERENCE DEDICATED TO WOOD CHEMISTRY AND ITS APPLICATIONS.

- > Scientists, manufacturers and institutions will attend conferences, hold discussions and learn from each other
- > The latest technological advances and future developments in the field of wood chemistry
- > Over 150 attendees expected
- > It is an opportunity to introduce forestry professionals and manufacturers involved in transforming wood into useful molecules and products.

From wood to the bio-economy

The bio-economy refers to deriving materials, chemical components, bioenergy etc. from the products of photosynthesis. It offers a real alternative to petroleum-based products but also a wealth of manufacturing opportunities.

The chemical industry has fully understood this: wood, and more specifically the molecules it is made up of, offer new industrial applications (adhesives, paint, treatment for non-woven products and papers, plastics, textiles). The challenge now is to develop new processes to recover wood molecules in sectors as wide-ranging as construction, health, food and agriculture and transport.

Forestry professionals have a key part to play: they produce the raw material for this process and thus identify new opportunities covering a broad, high-added value spectrum. More than ever, wood is at the heart of a national bio-economy, a driver of sustainability and global competitiveness.

The Programme

WEDNESDAY 6 DECEMBER

SESSION 1: THE FOREST RESOURCE

How does wood chemistry fit into the traditional forest timber sector? What is the added value for the sector? How can we get the most value from the resource?

Speakers: Polybridge, CIRAD, LERFOB, ONF, Luxcontrol, Université de Liège (Belgium)

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

Themese: fractionation, bio-refinery, development of biosourced platform molecules derived from lignin and polysaccharides (C5 and C6 chemistry).

Speakers: Institut Français du Pétrole, INRA, Arbiom, CIRCA SUSTAINABLE CHEMICALS LIMITED, Université de la Tuscia (Italy), AgroParisTech, Université de Grenoble Alpes, Université de Lorraine

AFTERWORK: THE FOREST SECTOR AND WOOD CHEMISTRY: STAKES AND OPPORTUNITIES

Organized by :

Pôle Fibres-Energie

Fibois

Valeurs Bois

Gipébor



with Start-Up pitch decks (Biolie, Pe@rl, Celodev) Networking dinner

Info : Samantha Gauthier, agence Ohwood : +33(0)1 48 74 18 62
registration : news@ohwood.fr

THURSDAY 7 JULY

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

Themes: extraction, characterisation and processing of secondary metabolites derived from wood for the pharmaceutical and cosmetic sectors or as antiseptic and antioxidant agents.

Speakers: SEPPIC, Biolie SAS, Harmonic Pharma, Université de Lorraine, Université de la Polynésie Française, Université de Strasbourg, Université Laval (Canada), Université de Freiburg (Germany), CIRAD

SESSION 4: NEW MATERIALS DERIVED FROM WOOD

Themes: chemical modification of solid wood, lignocellulosic fibre composites, resins or polymers from molecules or macromolecules derived from wood.

Speakers: Université de Lorraine, Soprema, Pearl, List, CNRS, Université de Freiburg (Germany)

> Full programme

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