



ABSTRACTS SUBMISSION

ELB 2020

Reims (France), 23-26 June 2020

The third ELB international conference releases, organised by IAR – The French Bioeconomy Cluster, the French Research Institute for Agriculture, Food and Environment (INRAE) and the University of Reims Champagne Ardenne, together with AgroParisTech, CentraleSupélec and Neoma Business School will be held on 23-26 June 2020 in Reims, France and is looking for its brand-new inspiring speakers!

The conference, which gathered over 150 international delegates within its previous editions, aims at covering all aspects of lignocellulose architecture, transformation and valorisation, with a special emphasis on interdisciplinary approaches related to bioeconomy and digital techniques to tackle environmental challenges.

ELB Sessions' topic:

Session 1: Structural and chemical complexity of lignocellulose

Expected contributions: techniques investigating complexity of lignocellulose, with a special interest for multiscale approaches and modelling/simulation techniques, combining chemical, microscopy, structural analysis.

Session 2: Physical, chemical and biological deconstruction of lignocellulose

Expected contributions: relevant approaches to fractionate, extract and/or purify fibers, polymers, oligomers and molecules from lignocellulose, with a special interest for original and/or industrially-relevant routes, possibly combining physical, chemical and biological pathways.

Session 3: Lignocellulose as a source of biomolecules for energy and platform molecules

Expected contributions: approaches to turn fractionated lignocellulose into biomolecules for energy and commodities to replace their fossil-based counterpart, with a special interest for original and/or industrially-relevant routes.

Session 4: Biobased materials from lignocellulose

Expected contributions: original development of lignocellulose-based materials, not only to make identical materials as those from fossil carbon, but rather to propose new materials with intelligent properties.



EXPLORING LIGNOCELLULOSIC BIOMASS

Challenges and opportunities for Bioeconomy

Abstracts Submission:

Deadline is **16 March 2020, midnight CET**

Format: Microsoft Word .docx or equivalent (no .pdf), one single A4 page of maximum 400 words (without tables, figures or equations), maximum 3 references.

Abstracts should clearly indicate, in this order: the presentation title, the names of authors, their affiliation and presenter's name should be underlined. Files must be named with the presenter family name, the session number (1 to 4), and the type of required presentation (oral or poster); e.g. "Smith-2-Oral" or "Martin-4-Poster"

All submissions should be sent to: gabriel.paes@inra.fr

The submitted abstracts will be reviewed by ELB 2020's international scientific committee.

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