

Provisional programme

Wednesday 24th April (pm)

SYMBIOSE

13h30 - Welcome

13h45 - Session 1 : Oral communications

Keynote: Dr. Tatiana Budtova, Mines ParisTech

15h15 - Coffee Break / Poster session

15h45 - Session 2 : Oral communications

19h00 - Dinner cruise - Les Bateaux Nantais

Thursday 25th April

Joint day FLOWER-SYMBIOSE

08h30 - Welcome: *Emmanuelle Chevassus-Lozza (President of Centre INRA Pays de la Loire), Bernard Cathala, Johnny Beaugrand (INRA), Alain Bourmaud (UBS)*

08h45 - **Keynote: Pr H el ene Angellier-Coussy, U. of Montpellier**

09h25 - Session 1 : Oral communications

10h15 - Coffee Break / Poster session

11h00 - Session 2 : Oral communications

12h15 - Lunch Break

14h00 - **Keynote: Pr. J org M ussig, U. of Bremen (Germany)**

14h45 - Session 3 : Oral communications

16h00 - Coffee Break / Poster session

16h45 - Session 4 : Oral communications

18h30 - Cocktail

Friday 26th April (am)

SYMBIOSE

08h30- Session 1 : Oral communications

Keynote: Pr Thierry Delair, IMP Lyon

10h00- Coffee Break / Poster session

10h30 - Session 2 : Oral communications

12h00 - Closing note

Contacts

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Chlo e Joly: chloe.joly@univ-ubs.fr

Alain Bourmaud: alain.bourmaud@univ-ubs.fr

Practical information

Location

The conference will take place in Westotel Nantes Atlantique - 34 rue de la Vri re 44240 La Chapelle sur Erdre



Accommodation / Accessibility

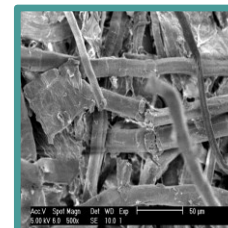
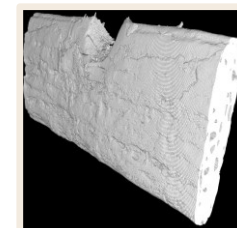
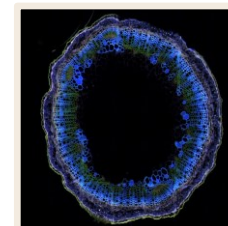
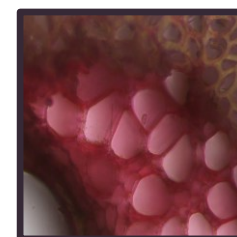
All the information regarding accommodation and accessibility can be found on the conference website

<https://symbiose-flower.sciencesconf.org/>

Sponsors



Plant fibres and biopolymers for biobased materials and composites applications



24-25-26 April 2019
Nantes



Presentation / Objectives

The GDR SYMBIOSE and the Interreg FLOWER project jointly organise a scientific event in Nantes on 24th, 25th and 26th April 2019.

The GDR CNRS/INRA SYMBIOSE (SYnthons et Matériaux BIOSourcés - *Synthons and Biobased materials*) aims at promoting the exchanges between French laboratories working on the biobased materials sector. The approach is to address the questions of raw materials complexity, chemical functionalisation of the biobased molecules, transformation processes and the study of materials functionalities.

For its part, the FLOWER project is co-financed by the European Regional Development Fund (ERDF) under the European cross-border cooperation Programme INTERREG VA France (Channel) England. This French-English partnership is composed of 4 academics and 4 industrials with the objective to develop a new range of flax reinforcements for the biocomposites industry.

The organisation of these common days has a twofold aim: on the first hand, to bring together scientific communities having mutual concerns about cell walls knowledge, relation between structure and performances of these walls and research of application solutions. On the other hand, the respective contribution of these two groups and the exchanges expected should enable the emergence of issues as well as interdisciplinary and extended topics for the attendees.

Call for communications

There are two possibilities of paper presentations : oral presentation (25 min) or a poster. Please use the template available on the conference website to submit your abstract (in English) by **March, 5th 2019** (Page « Submit »). <https://symbiose-flower.sciencesconf.org/> You will be notified of your presentation or poster acceptance by **March, 29th 2019**.

Topics

Biomass fractionation
Biobased synthons chemistry
Biopolymers functionalisation & characterisation
Nanobiomaterials
Plant biobased materials physico-chemistry /functionalities /mechanical properties
Plant fibres for composites applications

Important dates

15/01/2019 : Opening of the communication submissions and registration
05/03/2019 : Deadline for submission
29/03/2019 : Papers/posters acceptance notification
05/04/2019: Deadline for registration
24/04/2019 : Beginning of the event

Registration

The registration for the conference is **free but mandatory** through the website, Page « Register » <https://symbiose-flower.sciencesconf.org/> It is possible to attend the symposium without submitting communications.

Organisation

Organisation Committee

Johnny Beaugrand, INRA
Alain Bourmaud, UBS
Bernard Cathala, INRA
Laurence Chevrel, INRA
Maxime Gautreau, INRA
Sofiane Guessasma, INRA
Fabienne Guillon, INRA
Chloé Joly, UBS
Maryse Owen, INRA
Emmanuelle Richely, INRA

Scientific Advisory Board

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Johnny Beaugrand, INRA, Nantes
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Darshil Shah, University of Cambridge