



Alès, France, October 16<sup>th</sup> – 17<sup>th</sup>, 2018

*Chairs: Prof. L. Ferry and Dr. R. Sonnier*

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**Towards flame retardant biopolymers and biocomposites: current research strategies, scientific barriers and perspective applications**

C2MA (Centre des Matériaux des Mines d'Alès) part of IMT (Institut Mines-Télécom), Alès and EPNOE (European Polysaccharide Network of Excellence) are organizing a workshop entitled “Towards flame retardant biopolymers and biocomposites: current research strategies, scientific barriers and perspective applications”.

This workshop is a unique opportunity to gather experts in flame retardant technology and specialists in polymers and composites based on bioresources. These two communities will be brought together to enable them to work more closely. The replacement of oil-based materials by bio-based ones is one of the main trends driving the development of innovative functional materials. This leads to new challenges which need to be overcome: Which bioresources and building blocks are available to develop flame retardants from bio-based materials? Which synthesis and functionalization strategies are required? How to improve the flame retardancy of biobased materials such as, for example, natural fibres which are already used as reinforcements in composite materials?

This meeting aims to review the existing knowledge, share ideas and envisage new strategies enabling the improvement of the thermal and fire retardant behavior of biobased materials and/or to develop biobased flame retardant additives through biomimetic approaches. It is expected that the workshop will foster collaborative projects between academics and industry.

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## Registration

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Student	100€
Members	150€
Participants willing to join EPNOE (registration fees include EPNOE membership fees for 2018)	200€
Non Members	250€

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## Dates

Opening of online submission & registration	May 20 <sup>th</sup> , 2018
Deadline for abstract submission	July 31 <sup>st</sup> , 2018
Abstract acceptance	September 1 <sup>st</sup> , 2018
Closing date for registration	September 30 <sup>th</sup> 2018

Find more information: <https://epnoefire2018.sciencesconf.org/>

EPNOE (European Polysaccharide Network of Excellence) is a research, education and knowledge transfer network connecting Companies, Academic and Research Institutions working or interested in polysaccharides. It was established with the help of the European Commission.

