



**NoAW at 4th International Conference of Bio-based
Polymers and Composite
Balatonfüred (Hungary) September 2-6, 2018**



Goal and scope of the Conference:

BiPoCo was organized in 2012 focusing on the characterization, modification and application of biopolymers. The success of the conference initiated the organization of BiPoCo 2014 in Visegrád and the BiPoCo 2016 meeting in Szeged. The scope of the conference was extended with topics on smart, nano-structured systems for controlled molecular release and particular attention was paid to the biomedical application of polymers. The positive feedback given by the participants of the BiPoCo 2016 meeting encouraged us to organize the conference for the fourth time in 2018 with a renewed scope reflecting the current trends in the synthesis and application of biopolymers.

Grégoire DAVID (UM) presented NoAW achievements in “Gas-phase esterification of lignocellulosic particles for biocomposite applications”



Abstract:

In the frame of the European project NoAW, new biocomposites were designed from agro-wastes, i.e. a bacterial polyester (PHBV) as matrix and lignocellulosic fillers (milled vine shoots). The main drawbacks related to the hydrophilic nature of vegetal fillers are their poor compatibility with non-polar matrices and their sensitivity towards moisture. To overcome these bottlenecks, a surface chemical treatment by gas-phase esterification was explored in this study.

Further information on NoAW project: <http://noaw2020.eu>

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