

22. September 2017 | 08:45 – 17:00 Uhr

Otto Bayer Saal | Worringerweg 1-2 | 52074 Aachen

BioSC Workshop “Applied Perennial Plant Pulping”



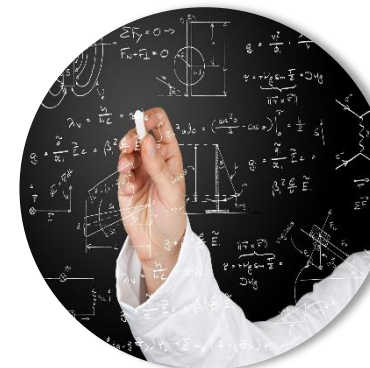
Process Design for Integrated Biorefinery Concepts

A future bio based economy needs novel concepts for integrated biorefineries. Understanding the current capabilities, barriers, and opportunities for such an integrated biorefinery working to produce biochemicals, bioproducts, and biofuels is a prerequisite for young scientists in the whole field of bioeconomy.

This workshop targets to provide knowledge on different strategies existing for the conversion of biomass and is especially for PhD Students, Post-Docs and early stage researchers. This will offer a unique chance to get closer insight on the topic of lignocellulose processing provided by experts from academia and industry.

The first part is free for any interested attendees. The interactive workshop is limited to registered PhD-students from the BioSC.

More Information: www.biosc.de/Workshop_AP3



Agenda

08:45	Welcome & Introduction	<i>P. Grande (IGB-2, Forschungszentrum Jülich)</i>
I.	Talks Integrated Biorefinery Concepts (Open for anybody interested)	
09:00	Levulinic acid: a versatile chemical from virgin/waste biomass up to a chemical end of pipe solution for biomass derived products	<i>R. Parton (GFBiochemicals)</i>
09:40	Center for Next Generation Processes and Products (NGP ²)	<i>J. Viell (AVT, RWTH)</i>
10:20	Break	
10:35	OrganoCat pretreatment: Motivation, Fundamentals and Prospects	<i>P. Domínguez de María (Sustainable Momentum)</i>
11:15	FocusLab AP3 Advanced Pulping for Perennial Plants: A holistic and sustainable integrated lignocellulose biorefinery concept	<i>H. Klose (IBMG, RWTH)</i>
12:00	Lunch Break	
II.	Workshop Process Design for Biorefineries (only registered PhD students)	
12:45	Processdesign from Lab to Biorefinery	
13:45	Group Work “Designing a Biorefinery Process”	
14:45	Coffee Break	
15:00	Presentation / Discussion of Results	
15:30	Wrap-Up and Design Highlights from AP ³	
16:00	Get together & snacks	
17:00	The End	