

2nd BioSC Symposium „Towards an Integrated Bioeconomy”

AGENDA DRAFT

as of 18 Oct 2017

November 28 th , 2017 Maternushaus, Köln Maternussaal		
Welcome and introduction		
09:00	Welcome	Prof. Peter Westhoff HHU Düsseldorf, BioSC
09:20	Key note: New enzymes and conversion processes, creating higher value products, can unlock the full potentials of the biomass	Prof. Lene Lange Technical University of Denmark
10:00	Coffee Break	
I.	Cornerstones of an Integrated Bioeconomy in NRW	
10:30	Introduction BioSC (FocusTopicAreas and FocusLabs)	Prof. Ulrich Schurr FZ Jülich, BioSC
10:45	AP ³ - Advanced Pulping for Perennial Plants: A holistic and sustainable integrated lignocellulose biorefinery concept	Dr. Holger Klose RWTH Aachen, BioSC
11:00	Bio ² - Integration of next generation biosurfactant production into biorefinery processes	Georg Wandrey RWTH Aachen, BioSC
11:15	CombiCom - Combinatorial creation of structural diversity for novel high-value compounds	Dr. Anita Loeschcke HHU Düsseldorf, BioSC
11:30	HylmPAct – Hybrid processes for Important Precursor and Active pharmaceutical ingredients	Dr.-Ing. Stephan Noack FZ Jülich, BioSC
11:45	GreenRelease – GreenRelease for plant health	Dr. Felix Jakob RWTH Aachen, BioSC
12:00	Lunch Break	
II.	Socioeconomic perspectives within a sustainable bioeconomy	
13:00	Quo vadis Bioeconomy? Some case examples of the future potentials	Dr. Johanna Kohl VTT Technical Research Centre of Finland
13:20	Open IP models in the Bioeconomy	Dr. Frank Tietze University of Cambridge
13:40	S2B-BioEcon - Assessing Science to Business (S2B) Technology Transfer in the emerging Bioeconomy (BioSC – White Paper)	Laura Borge University of Bonn, BioSC
III.	Innovations for plant production und resource management	
14:00	Fire blight resistance in apple breeding – how to screen	Dr. Annette Wensing Julius Kuehn Institute (JKI)
14:20	PrimACs - Priming-Active Compounds for Plant Protection	Prof. Jochen Büchs RWTH Aachen, BioSC
14:40	Enhancing photosynthesis: concepts, limitations, perspectives	Prof. Dario Leister Ludwig-Maximilians-University Munich (LMU)
15:00	Poster-Session and Coffee Break	

IV.	Green value chains - processes and products from biomass	
16:30	PectiLyse - Activation of intrinsic enzymes for degradation of plant biomass side-streams	Markus Müller RWTH Aachen, BioSC
16:50	New solutions for the production of rhamnolipids, promising biosurfactants	Dr. Eric Déziel Institut National de la Recherche Scientifique, Canada
17:10	Use of agricultural residues for production of biofuels and platform chemicals	Dr. Michael Zavrel Clariant Produkte (Deutschland) GmbH
17:30	Closing remarks	Prof. Ulrich Schurr FZ Jülich, BioSC
17:45	Get together with snacks and drinks	