

“Towards an Integrated Bioeconomy”

A key prerequisite for the successful implementation of a knowledge-based bioeconomy and its related research is the integration of highly diverse research disciplines and the bundling of high-level scientific expertise into integrative approaches. All relevant disciplines need to explore the full potential of renewable resources to develop solutions for the Grand Societal Challenges.

Date:

21. November 2016

Venue:

Maternushaus, Cologne, Germany

ABOUT THE SYMPOSIUM:

The BioSC Symposium focuses on different aspects for the development of an integrated and sustainable bioeconomy. Interdisciplinary BioSC research projects and complementary talks of invited external speakers will be presented and discussed. Bioeconomy topics will be reflected from different points of view in the following sessions:

- **Session I: Innovations for Plant Production and Resource Management**
- **Session II: Green Value Chains - Processes and Products from Biomass**
- **Session III: Socioeconomic Perspectives within a Sustainable Bioeconomy**

The **conference program** is shown on the next page.

PARTICIPANTS:

International scientific experts from all relevant disciplines, stakeholders from politics and industry.

DEADLINE FOR REGISTRATION: 01.11.2016

Please use the [>>registration form](#) on the website.
No registration fees. Places are limited!

MORE INFORMATION:

www.biosc.de/symposia

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1st BioSC Symposium „Towards an Integrated Bioeconomy”

AGENDA (DRAFT)

2016-10-07

November 21 st , 2016 Maternushaus, Köln Maternussaal		
09:00	Welcome and introduction	Prof. Dr. Ulrich Schurr Forschungszentrum Jülich, BioSC
09:15	Key note: „Why do we need an Integrated Bioeconomy?”	Prof. Dr. Regina Birner German Bioeconomy Council & University of Hohenheim
10:00	<i>Coffee Break</i>	
I.	Innovations for plant production und resource management <i>Session chair: Prof. Dr. Georg Noga, University of Bonn</i>	
10:30	RIPE - Ripening delay of climacteric fruits by peptides	Prof. Dr. Georg Groth HHU Düsseldorf, BioSC
11:00	AlgalFertilizer - Algae delivering waste phosphorus to soil and crops	Jun.-Prof. Dr. Oliver Ebenhöf HHU Düsseldorf, BioSC
11:30	Engineering crop plants with broad spectrum pathogen resistance	Prof. Dr. Dierk Scheel IPB Halle
12:00	tba	Dr. Gunhild Leckband NPZ Innovation GmbH, Holtsee
12:30	<i>Lunch Break</i>	
II.	Green value chains - processes and products from biomass <i>Session chair: tba</i>	
13:30	OrCaCel - OrganoCat plant & pulping combinations for the full valorization of lignocellulose from perennial plants from marginal land	Dr. Holger Klose RWTH Aachen, BioSC
14:00	Biobased processes: systematically evaluating chances and challenges	Prof. Dr. Andreas Pfennig Université de Liège
14:30	bioliq – Research and demonstration for thermochemical routes from biomass to high performance fuels	Prof. Dr. Jörg Sauer IKFT, KIT, Karlsruhe
15:00	InducTome - Induction of secondary metabolites in tomato by-products for extraction and economic evaluation of the model process	Dr. Alexandra Wormit RWTH Aachen, BioSC
15:30	<i>Coffee Break</i>	
III.	Socioeconomic perspectives within a sustainable bioeconomy <i>Session chair: Prof. Dr. Stefanie Bröring, University of Bonn</i>	
16:00	Consumer decision-making for biotechnology: comparing results from Germany and Sweden for food and bioenergy	Prof. Dr. Carl Johan Lagerkvist Swedish University of Agricultural Sciences, Stockholm
16:30	Econ-BioSC – Biomass flows and technological innovation in the bioeconomy: A global scenario analysis	Jun.-Prof. Dr. Jan Börner ZEF, University of Bonn, BioSC
17:00	Circulus – Identifying socio-economic transformation pathways to a circular bioeconomy	Dr. Sina Leipold University of Freiburg
17:30	Panel discussion “En route towards an integrated bioeconomy” Moderation: Dr. Dr. h.c. Christian Patermann	
18:00	Closing remarks	Prof. Dr. Ulrich Schurr
18:10	<i>Get together with snacks and drinks</i>	