1st BioSC Symposium
“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 program is available at the BioSC Symposium website.

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

DEADLINE FOR REGISTRATION: 01.11.2016
Please use the >>registration form.
No registration fees. Places are limited!

MORE INFORMATION:
www.biosc.de/symposia
## 1st BioSC Symposium „Towards an Integrated Bioeconomy“

**AGENDA**  2016-11-03  

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<th>Time</th>
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| 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  | Coffee Break                                                                 |                                                                        |
| 10:30  | Innovations for plant production und resource management                     |                                                                        |
| 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 Ebenhöh 
HHU Düsseldorf, BioSC                                                       |
| 11:30  | Engineering crop plants with broad spectrum pathogen resistance             | Prof. Dr. Dierk Scheel 
IPB Halle                                                                   |
| 12:00  | Plant Innovations: Perspectives of a plant breeding company                 | Dr. Frank Wolter 
NPZ Innovation GmbH, Holtsee                                                |
| 12:30  | Lunch Break                                                                  |                                                                        |
| 13:30  | Green value chains - processes and products from biomass                    |                                                                        |
| 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  | Coffee Break                                                                 |                                                                        |
| 16:00  | Socioeconomic perspectives within a sustainable bioeconomy                  |                                                                        |
| 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”               |                                                                        |
| 18:00  | Closing remarks                                                              | Prof. Dr. Ulrich Schurr                                                    |
| 18:10  | Get together with snacks and drinks                                           |                                                                        |