

WEDNESDAY | MAY 10<sup>th</sup> | 2017

## OPENING

Greetings

**15:00 – 15:10** Prof. Dr. Ludger Wessjohann (ScienceCampus Halle - Plant-Based Bioeconomy) & Prof. Dr. Matthias Zscheile (Leading Edge Cluster BioEconomy)

**15:10 – 15:20** Prof. Dr. Jörg Hacker (President Leopoldina)

**15:20 – 16:00** Dr. Christian Patermann (Former Director European Commission and Advisor German Government for Bioeconomy) *The circular sustainable bioeconomy - Just a vision or more? Recent developments in Europe and worldwide*

**16:00 – 16:20** Coffee Break

## 1 SESSION - Flavours, Fragrances and Nutraceuticals

Chairman: Prof. Dr. Ludger Wessjohann & Prof. Dr. Bruno Bühler

★ **16:20 – 16:50** Keynote: Prof. Dr. Frederic Bourgaud (Université de Lorraine – INRA) *„Milking the roots“: a new technology for the recovery of natural substances from plants*

**16:50 – 17:10** Prof. Dr. Christian Wilhelm (University of Leipzig) *New green chemistry: living cells as catalytic surface – a breakthrough in making new organic carbon?*

**17:10 – 17:30** Dr. Stefan Marx (N-Zyme Biotech GmbH) *Olive polyphenols – new functionalities and applications*

## 1 SUBSESSION - Model Region Central Germany

Chairman: Prof. Dr. Daniela Thrän

**17:30 – 17:45** Dr. Jakob Ley (Symrise AG) *Sustainable sourcing of natural flavor compounds: trends, chances, and challenges*

**17:45 – 18:00** Dr. Lutz Weber (Ontochem IT GmbH) *Translating target driven drug discovery methods into the areas of nutrition and cosmetics*

**18:00 – 18:15** Speaker to be announced

**18:15 – 19:00** Smooth Transition To Dinner Event

## DINNER EVENT

19:00 – 20:30

**19:00 – 22:00** Dinner & Networking

**20:00 – 20:30** Dr. Thierry Stadler (IAR Cluster President) *Networking speech: Intercluster collaborations - a fertile soil for bioeconomic innovations*

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## 2 SESSION - Cereals

Chairman: Prof. Dr. Klaus Pillen & Prof. Dr. Nicolaus von Wirén

★ **09:00 – 09:30** Keynote: Dr. Gilles Charmet (INRA) *Breadwheat: Breeding for sustainable wheat varieties*

**09:30 – 09:50** Dr. Gunther Stiewe (Syngenta International AG) *Hybrid barley: Transformation of a self pollinating crop into a hybrid*

**09:50 – 10:10** Prof. Dr. Bernhard Bauer (Hochschule Weihenstephan-Triesdorf) *Upcoming challenges in wheat production in Central Europe*

**10:10 – 10:30** Coffee Break

## 2 SUBSESSION - Model Region Central Germany

Chairman: Prof. Dr. Daniela Thrän

**10:30 – 10:45** Prof. Dr. Ivo Große (Martin Luther University Halle-Wittenberg) *The fabulous marriage of crop plant research and bioinformatics*

**10:45 – 11:00** Dr. Nils Stein (Leibniz Institute of Plant Genetics and Crop Plant Research) *Barley and wheat genome sequences and their future impact on plant-based bioeconomy*

**11:00 – 11:15** Prof. Dr.-Ing. Udo Seiffert (Fraunhofer Institute for Factory Operation and Automation IFF) *High-throughput and precision crop plant phenotyping*

## 3 SESSION - Wood

Chairman: Horst Mosler & Prof. Dr. Matthias Zscheile

★ **11:15 – 11:45** Keynote: Christophe Luguel (IAR) *Relevance of lignocellulosic biomass within an european context of bioeconomy*

**11:45 – 12:05** Dr. Dietmar Peters (FNR) *Building and living with wood – Current funding priorities*

**12:05 – 12:25** Dr. Jörg Rothermel (VCI) *Market potentials of wood based bioeconomy in the chemical industry*

**12:25 – 13:30** Lunch

## 3 SUBSESSION - Model Region Central Germany

Chairman: Prof. Dr. Daniela Thrän

**13:30 – 13:45** Dr. Steffen Bornemann (Folienwerk Wolfen GmbH) *Chances and challenges of films made of natural resources for packaging applications*

**13:45 – 14:00** Dr. Christan Fischer (Schüco) *Bio-based wood and flax fibre reinforcements in thermoplastic matrix applied in window and door profiles*

**14:00 – 14:15** Veronica Auer (University of Applied Sciences Rosenheim) *Designing the beech wood supply chain*

## 4 SESSION - Plant-based Oils

Chairman: Dr. Rainer Busch

★ **14:15 – 14:45** Keynote: Carine Alfos (ITERG, French Technical Center on Fats and Oils) *The plant biorefinery or the valorization of the set of (co)products*

**14:45 – 15:05** Dr. Michael Sandmann (ILU – Institute for Food and Environmental Research) *Sustainable use of biomass from oleaginous processing (SUMO)*

**15:05 – 15:30** Coffee Break

**15:30 – 15:50** Dr. Gunther Kraft (Fuchs Schmierstoffe GmbH) *Algae as raw-material supplier for lubricants*

## 4 SUBSESSION - Model Region Central Germany

Chairman: Prof. Dr. Daniela Thrän

**15:50 – 16:05** Dr. Rainer Busch (BioEconomy) *Market analysis – Usage of plant oils in the industry*

**16:05 – 16:20** Dr.-Ing. Frank Pudel (Pilot Plantoiltechnology Magdeburg e.V., PPM) *Production technologies, properties and applications of rapeseed proteins*

**16:20 – 16:40** Speaker to be announced

**16:40 – 16:45** Closing Remarks

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Foto: Monkey Business, Fotolia

**Meet at the Lunch Lounge**  
12:30 – 14:00

For the first time this year, the Lunch Lounge will take place during the conference. Dr. Stefan Rauschen from the NCP Life Science will inform you about networks, funding opportunities and stakeholders of the European Bioeconomy on 10<sup>th</sup> May, from 12.30 to 14.00, with a small snack and refreshments. More information and registration see at [www.bioeconomy-conference.de](http://www.bioeconomy-conference.de) Please register until 26<sup>th</sup> April 2017