

## General Information

### Venue:

Leibniz Institute of Agricultural Development in  
Central and Eastern Europe (IAMO)  
Theodor-Lieser-Str. 2  
D-06120 Halle (Saale)



### Accommodation:

Ankerhof Hotel GmbH  
Ankerstraße 2  
06108 Halle (Saale)  
Tel.: +49 (0) 3 45 / 23 23-200

Best Western Grand City Hotel Halle  
Neustädter Passage 5  
06122 Halle (Saale)  
Tel.: +49 (0) 345 / 6 93 10

We are looking forward to welcome you

Please register until 31<sup>st</sup> May 2013 at  
[www.sciencecampus-halle.de](http://www.sciencecampus-halle.de) ▶ news ▶  
registration

**No registration fee**

Founding members of the ScienceCampus Halle  
- Plant-based Bioeconomy -



For more information please visit  
[www.sciencecampus-halle.de](http://www.sciencecampus-halle.de)

or contact Dr. Claudia Flügel  
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SCIENCECAMPUS  
PLANT-BASED BIOECONOMY  
HALLE



FROM MOLECULE TO SOCIETY

INTERNATIONAL BIOECONOMY  
CONFERENCE

6<sup>TH</sup> AND 7<sup>TH</sup> JUNE 2013

HALLE (SAALE), GERMANY



SCHEDULE:

THURSDAY THE 6<sup>TH</sup> JUNE 2013



## Greetings

12:00- 12:10

**Dr. Claudia Herok** (inquired)

Federal Ministry of Education and Research, Department of Bioeconomy

12:10 – 12:20

**Hartmut Möllring** (inquired)

Ministry of Sciences and Economic Affairs of Saxony Anhalt

12:10 – 12:20

**Prof. Dr. Gesine Foljanty-Jost**

Martin-Luther-University (MLU) of Halle-Wittenberg

12:30 - 12:40

**Prof. Dr. Dr. h.c. Joachim von Braun**

Center for Development Research at the University of Bonn and Chairman of the German Bioeconomy Council

## Session 1: Plant-based Bioeconomy Research Part I - Plant

(Chair: Prof. Dr. Ludger Wessjohann)

12:45 – 13:30

**Prof. Dr. Klaus Ammann** - Prof. Em. University of Bern

*Title: Agriculture and forestry, potential of plant-based Bioeconomy research*

13:30 – 14:00

**Dr. Peter Welters** - Phytowelt GreenTechnologies GmbH

*Title: Phytodiversity and phytomining for biorefinery and fermentation processes*

14:00 – 14:30

**Prof. Dr. Hesham A. El Enshasy** - Institute of Bioproduct Development, Malaysia

*Title: Biocatalysis in Bioeconomy: From research design to platform design*

## Coffee Break

15:00 – 15:45

**Prof. Dr. Christoph Syldatk** - Karlsruhe Institute of Technology (KIT)

*Title: Greening the chemistry by industrial biotechnology – chances and limitations*

15:45 – 16:15

**Prof. Dr. Heribert Warzecha** - University of Darmstadt

*Title: Plant metabolic engineering for high value products*

16:15 – 16:45

**Prof. Dr. Sabine L. Flitsch** - Manchester Institute of Biotechnology & School of Chemistry

*Title: Carbohydrate technologies - sweet promise for the Bioeconomy*

## Session 2: Research at the ScienceCampus Halle

(Chair: Prof. Dr. Klaus Pillen)

17:15-17:30

**Prof. Dr. Klaus Pillen** - University of Halle-Wittenberg (MLU)

*Title: The ScienceCampus Halle – Plant-based Bioeconomy*

17:30 - 17:40

**Dr. Nico Dissmeyer** - Independent Junior Research Group

ScienceCampus Halle, Leibniz-Institute of Plant Biochemistry  
*Title: Protein quality control - conditional protein expression in plants*

17:40 – 17:50

**Prof. Markus Pietzsch** - University of Halle-Wittenberg (MLU)

*Title: Biotechnological synthesis of plant phenylpropanoids as the starting material for pharmaceuticals, flavors and polymers*

17:50 – 18:00

**Dr. Johannes Müller** - University of Halle-Wittenberg (MLU)

*Title: Optimizing the efficiency of biomass formation of cultivated plants - Options and strategies: a model based analysis and assessment system for plant based Bioeconomy (OECOS)*

18:00 – 18:10

**Dr. Ramona Teuber and Dr. Irina Dolgoplova** - Leibniz Institute of Agricultural Development in Central and Eastern Europe (IAMO)

*Title: Secondary substances in cereals as quality attribute: Analysis of potential health-enhancing effects and consumers' willingness to pay*

18:10 – 18:20

**Prof. Dr. Norbert Hirschauer** - MLU of Halle-Wittenberg

*Title: Bioeconomic innovations and regulatory impact analysis*

18:20 – 18:30

**Dr. Muhamed Kudic** - Halle Institute of Economic Research (IWH)

*Title: The structure and dynamics of innovation networks in the plant-based Bioeconomy - a research agenda*



SCHEDULE:

FRIDAY THE 7<sup>TH</sup> JUNE 2013

## Session 3: Plant-based Bioeconomy Research Part II - Society

(Chair: Dr. Jutta Günther)

9:00 - 09:45

**Prof. Dr. David B. Zilberman** - University of Berkeley

*Title: The economic and environmental impacts of GMO*

09:45 - 10:15

**Dr. Günther Bachmann** - German Council for Sustainable Development

*Title: Greening economy - The German sustainability code*

10:15 - 10:45

**Prof. Dr. Matin Qaim** - University of Göttingen

*Title: Economic and social impacts of genetically modified crops: an international overview*

## Coffee Break

(Chair: Prof. Dr. Alfons Balmann)

11:15 - 11:45

**Prof. Dr. Justus Wesseler** - Center of Life and Food Sciences

Weihenstephan, TU München, Agricultural and Food Economics  
*Title: Sustainability Issues in Agriculture Value Chains*

11:45 - 12:30

**Dr. Stephan Schleissing** - Institute Technology – Theology –

Natural Sciences at the Ludwig-Maximilians University Munich  
*Title: Improving nature? Biotechnology & ethics in the anthropocene age*

## Closing Remarks

12:30 - 12:40

**Prof. Dr. Johannes Vogel** - Museum of Natural History, Berlin and Representative of the Leibniz Association in the Bioeconomy Council

## Excursion

13:00 - approx. 17:00

**Excursion Fraunhofer Center for Chemical-Biotechnological Processes (CBP)** (Please indicate your interest when you register.)