The bioeconomy has broad-ranging approaches for plant research, agriculture and forestry, the chemical and plastics industry, the energy industry and innovative materials. The 4th International Bioeconomy Conference represents new issues and insights into biobased value chains and socio-economic aspects. Special attention this year will be put on the bioeconomic developments in the UK. The partner country will be represented by numerous renowned speakers.

More information and registration under
www.bioeconomy-conference.de

Please register until 26th April 2015
No registration fee

Venue
Leibniz Institute of Agricultural Development in Transition Economies (IAMO)
Theodor-Lieser-Str. 2
06120 Halle/Saale
Germany
Contact: info@sciencecampus-halle.de
Phone: +49 345 - 55 22 682
Thursday 07th May 2015

Moderation: Dr. Jens Freitag

Opening

10:30 – 10:40
Prof. Dr. Thomas Hirth Leading Edge Cluster BioEconomy

10:40 – 10:50
Dr. Hermann Onko Aeikens Ministry of Agriculture and Conservation, State of Saxony-Anhalt

10:50 – 11:00
Prof. Dr. Michael Bron Martin-Luther-University Halle-Wittenberg

Session 1: From Plants to Factories

11:00 – 11:40
Dr. Léon Broers KWS Saat AG and Bioeconomy Council, GER
Innovative Plant Products for a Sustainable Bioeconomy

11:40 – 12:00
Prof. Dr. Mark Tester King Abdullah University of Science and Technology (KAUST), KSA
Crops for saline waters

12:00 – 12:20
Christian von Itzenplitz Zellstoff Stendal GmbH, GER
The availability of the renewable resource wood and its logistic

12:20 – 13:00 LUNCH

13:30 – 13:50
Prof. John Doonan Aberystwyth University, GBR
Novel Phenotyping Approaches to understanding genetic variation in Biomass Accumulation

13:50 – 14:10
Dr. Dirk Verdoes BioConSepT / TNO, NED
Highlights and learnings from BioConSepT a European Flagship project for the Bio-Based Economy

14:10 – 14:30
Prof. Dr. Klaus Menrad Weihenstephan-Triesdorf University of Applied Sciences, GER
Biogenic Resources in Germany – Availability and logistics

14:30 – 14:50
Prof. Dr. Iris Lewandowski University of Hohenheim, GER
Requirements on biomass production in a growing bioeconomy

14:50 – 15:35
Prof. Dr. Harald Grethe University of Hohenheim, GER
Bioeconomy = Green Economy = Sustainable?

15:35 – 16:15 COFFEE BREAK

16:15 – 16:40
PD Dr. rer. pol. Magnus Fröhling Karlsruhe Institute for Technology, GER
Evaluation of technologies for biomass conversion in the context of their value chains

16:40 – 17:05
Katja Salmenkivi Pöyry Management Consulting, BioConSepT, FIN
Sustainability as a driver for the Bio-Based material market

17:05 – 18:15
Florence Tartanac Market Linkages and Value Chains Group, Rural Infrastructure and Agro-industries Division (AGS), Food and Agriculture Organization of the United Nations (FAO), ITA
Greening value chains in the context of Sustainable Food Value Chains Development in developing countries

Closing Remarks

Friday 08th May 2015

Moderation: Dr. Jens Freitag

Plenary Lecture: Biodiversity and Nagoya-Protocol

9:00 – 9:40
China Williams Royal Botanic Gardens, Kew, GBR
The Nagoya Protocol: Opportunities and Challenges

Session 3: High Value Products from Plants

9:40 – 10:15
Prof. Dr. Paul Fraser University of London, GBR
From Discovery to products: A next generation pipeline for the sustainable generation of high-value plant products

10:15 – 10:40
Dr. Lars Haustedt AnalytiCon Discovery, GER
Plant Derived Secondary Metabolites as a Resource for Product Development in Food, Cosmetic and Pharma

10:40 – 11:05
Dr. Joe Ross University of York, GBR
Alkaloid Production, from Molecular Analysis to downstream processing

11:05 – 11:30
Dr. Deborah Rathbone University of York, GBR
Variety improvement through fast-track plant breeding

11:30 – 12:30 LUNCH

Session 4: Refining of Biomass or Biorefinery?

12:30 – 13:15
Prof. Dr. James Clark University of York, GBR
Industrial Symbiosis as a route to a Sustainable Bio-Based Economy

13:15 – 13:40
Prof. Dr. Nicolaus Dahmen Karlsruhe Institute for Technology, GER
The synthesis gas platform as a basis for large-scale use of biomass

13:40 – 14:05
Gunter Börner B+B Engineering GmbH, GER
Rapeseed Bio-Refinery – A Chance for Tremendous Potential of More Added Value

14:05 – 14:30
Dr. Dietmar Peters Specialist agency of renewable resources (FNR), GER, Integrated Biorefineries – Concepts and Current State

14:30 – 14:55
Gerd Unkelbach Fraunhofer Center for Chemical-Biotechnological Processes (CBP), GER
From lab scale to demonstration scale – Biorefinery examples from the FP7 project „BioConSepT“ and the German BioEconomy cluster

Closing Remarks