

# 7<sup>th</sup> International BioSC Symposium

## „Bio-based solutions for a sustainable economy“

6<sup>th</sup> -7<sup>th</sup> November 2023

LVR Landesmuseum, Colmantstraße 14-16, 53115 Bonn, Germany



November 6 <sup>th</sup> , 2023	
12:00 h	Registration with Light Lunch
13:00 h	Welcome
<b>Keynote Lecture</b>	
Moderator: Ulrich Schurr, Forschungszentrum Jülich/BioSC, DE	
13:15 h	<b>Genetic resources as the basis for a sustainable crop production</b> Andreas Stahl, Julius Kühn Institute (JKI), Quedlinburg, DE
<b>Session I: Challenges for sustainable primary production</b>	
Moderator: Jan Börner, University of Bonn/BioSC, DE	
14:00 h	<b>Innovations to foster sustainability in global agri-food systems</b> Jorge Sellare, Center for Development Research, University of Bonn, DE
	<b>Ecological challenges for sustainable primary production</b> Thomas Kastner, Senckenberg Biodiversity and Climate Research Centre, Frankfurt/Main, DE
	<b>New biochars for the improvement of agricultural soils (<a href="#">NewBIAS</a>)</b> Nina Siebers, Forschungszentrum Jülich/BioSC, DE
	<b>Questions &amp; Answers</b>
15:15 h	Poster Session & Coffee
<b>Session II: Sufficient, healthy, eco-friendly – Meeting future food demands</b>	
Moderator: Annaliese Mason, University of Bonn/BioSC, DE	
16:15 h	<b>Alternative protein perspectives – between promise and reality</b> Hans-Jürgen Danneel, Institute for Life Science Technologies ILT.NRW, TH Ostwestfalen-Lippe, DE
	<b>Sustainable Plant Oil Alternatives from Corn Residue: Substrate Utilization, Scaling and Research Landscape (<a href="#">NextVegOil</a>)</b> Katharina Miebach, RWTH Aachen University/BioSC, DE
	<b>Innovative technical approaches for regional value chains in the fruit and vegetable sector</b> Kerstin Pasch, DIL German Institute of Food Technologies, DIL Office Brussels, BE
	<b>Questions &amp; Answers</b>
17:30 h	Poster Session (The exhibition is open all evening)
18:00 h	Networking Dinner and exhibition tours of the LVR museum

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November 7 <sup>th</sup> , 2023	
08:30 h	<b>Welcome Coffee</b>
09:00 h	<b>Greetings from Ministries</b> Sonja Brandt, Ministry of Culture and Science of the State of North Rhine-Westphalia, DE Christian Feiler, Ministry of Economic Affairs, Industry, Climate Action and Energy of the State of North Rhine-Westphalia, DE
<b>Keynote Lecture</b>	
Moderator: Ulrich Schurr, Forschungszentrum Jülich/BioSC, DE	
09:15 h	<b>Synthetic Biotechnology as a tool for development of circular bioprocesses</b> Thomas Brück, Technical University of Munich / German Bioeconomy Council
<b>Session III: Constructing, clothing, packaging – New bio-based materials</b>	
Moderator: Holger Klose, Forschungszentrum Jülich/BioSC, DE	
10:00 h	<b>COMPOLIVE - Towards automotive application of new fibres and biocomposites</b> Inga Wehmeyer, Thomas Baranowski, Ford Research & Advanced Engineering Europe, Aachen, DE
	<b>Technical validation of lignins for textile applications (<a href="#">LignoTex</a>)</b> Sascha Schriever, RWTH Aachen University/BioSC, DE
	<b>Functional &amp; circular paper materials – Towards improved and new applications</b> Markus Biesalski, Technical University of Darmstadt, DE
	<b>Questions &amp; Answers</b>
11:15 h	<b>Poster Session &amp; Coffee</b>
<b>Session IV: Teaming up with biology – Next-generation chemistry</b>	
Moderator: Lars Lauterbach, RWTH Aachen University/BioSC, DE	
12:15 h	<b>Large-scale production of wood-based chemicals: Experience and perspectives</b> Gerd Unkelbach, UPM Biochemicals, Leuna, DE
	<b>Surface active molecules for the chemical industry (<a href="#">Surflin</a>)</b> Till Tiso, RWTH Aachen University/BioSC, DE
	<b>CO<sub>2</sub> and Light: The future resources in chemical manufacturing?</b> Sandy Schmidt, Groningen Research Institute of Pharmacy, NL
	<b>Questions &amp; Answers</b>
13:30 h	<b>Poster Award</b> Poster Jury: Anika Wiese-Klinkenberg, Ali Abdelshafy, Stephan Noack
13:45 h	<b>Closing Remarks</b> Markus Pauly, Heinrich Heine University Düsseldorf/BioSC, DE
<b>Farewell Lunch</b>	