

## Live Stream: Colloquium Fundamentale on Bioeconomy

Public Lecture Series “Fossile Rohstoffe ade! Forschung auf dem Weg in die Bioökonomie“  
Focuses on Challenges Associated with Sustainable, Organic Business Management



*Using knowledge of biological systems for ecological business management is the basic idea of bioeconomy. (Photo: Gabi Zachmann, KIT)*

**Regenerative change of industry and society: The Colloquium Fundamentale of ZAK | Centre for Cultural and General Studies of Karlsruhe Institute of Technology (KIT) will focus on latest research into bioeconomy. The series of lectures will be opened by Dr. Christine Rösch, KIT, who will speak about “Bioökonomie – Transformation in eine nachhaltigere Versorgung mit Rohstoffen und Energie“ (bioeconomy – transformation to a more sustainable supply of resources and energy). The lecture in the German language will be given online on Thursday, May 07, 2020, as a live stream on ZAK’s YouTube channel: [www.youtube.de/ZAKVideoclips](http://www.youtube.de/ZAKVideoclips).**

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**Lecture Series on the Occasion of the 2020 Science Year– Bioeconomy**

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On the occasion of the “2020 Science Year – Bioeconomy,” experts of various disciplines will discuss an organic future within the Colloquium Fundamentale. In her opening lecture on Thursday, May 07, 2020, Dr. Christine Rösch, Head of the “Sustainable Bioeconomy” research group of KIT, will speak about social, economic, and political challenges associated with the transition to bioeconomy as well as about criticisms and controversial aspects of the use of increasingly scarce natural resources.

On the dates given below, the Colloquium Fundamentale will take place at 18.30 hrs. Due to the measures taken to mitigate the pandemic, the lectures will be transmitted live via ZAK’s YouTube channel [www.youtube.de/ZAKVideoclips](http://www.youtube.de/ZAKVideoclips). The lecture will be followed by a chat with the audience.

**Program** (in German):

**Thursday, May 07, 2020: Die Bioökonomie – Transformation in eine nachhaltigere Versorgung mit Rohstoffen und Energie (Bioeconomy – Transformation to a more sustainable supply of resources and energy)**

Dr. Christine Rösch, Head of the “Sustainable Bioeconomy“ research group, Karlsruhe Institute of Technology (KIT)

**Thursday, May 14, 2020: Bioökonomie was ist das? Ein Streifzug durch Anwendung und Forschung (Bioeconomy, what’s that? A journey through application and research)**

Professor Johannes Gescher, Professor for Applied Biology, Karlsruhe Institute of Technology (KIT)

**Thursday, May 28, 2020: Wie tragen Nachwachsende Rohstoffe zum Klimaschutz bei? (How do regenerative resources contribute to climate protection?)**

Professor Iris Lewandowski, Chief Bioeconomy Officer (CBO) and Head of the “Biobased Products and Energy Crops“ Group, University of Hohenheim

**Thursday, June 25, 2020: Von der smarten Fahrerkabine bis hin zu urbanen Bioräumen – wie wir die Agrarsysteme der Zukunft gestalten**

**(From the smart driver's cab to urban biological spaces – How we design future agricultural systems)**

Professor Monika Schreiner, “food4future“ Project Coordinator and Deputy Director, Leibniz Institute of Vegetable and Ornamental Crops (IGZ) e.V.

Professor Marcus Geimer, “Fahrerkabine 4.0“ (driver's cab 4.0) Project Coordinator and Head of KIT's Institute of Vehicle System Technology

**Thursday, July 09, 2020: Vom Zirkulieren, Säen und Ernten zukünftiger Baumaterialien  
(About circulating, sowing, and harvesting future construction materials)**

Professor Dirk E. Hebel, Professor for Sustainable Construction, KIT

Further information on the program, venue, and lectures is given at:

<http://www.zak.kit.edu/english/>

**Being “The Research University in the Helmholtz Association,“ KIT creates and imparts knowledge for the society and the environment. It is the objective to make significant contributions to the global challenges in the fields of energy, mobility and information. For this, about 9,300 employees cooperate in a broad range of disciplines in natural sciences, engineering sciences, economics, and the humanities and social sciences. KIT prepares its 24,400 students for responsible tasks in society, industry, and science by offering research-based study programs. Innovation efforts at KIT build a bridge between important scientific findings and their application for the benefit of society, economic prosperity, and the preservation of our natural basis of life. KIT is one of the German universities of excellence.**

This press release is available on the internet at

[http://www.sek.kit.edu/english/press\\_office.php](http://www.sek.kit.edu/english/press_office.php).

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