

WORKSHOP

BIOINTELLIGENCE & BIOECONOMY: Defining the intersect

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**Institute of Catalysis Research and Technology (IKFT)
Karlsruhe Institute of Technology (KIT)**

Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen

The rapid development of technologies accompanied with a great amount of generated data increases continuously the significance of digitalization in bioeconomy and the need for biointelligent systems. This workshop aims at discussing the terms “biointelligence” and “bioeconomy”, looking for the synergies, but also for the particularities and differences of both concepts. The workshop participants are invited to join a common debate and to draw up the complementary issues and implementation options.

Program

9:00	Registration and welcome coffee	14:15	Group work Biointelligent systems & bioeconomy Main topics: • Biomass/Genotype production & selection • Biorefinery • Waste streams
	Introduction Lectures		
9:30	Prof. Dr. Thomas Rausch, Centre for Organismal Studies, Heidelberg University		
10:45	Dr. Robert Mieke, Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Stuttgart	15:30	Coffee break & networking
12:00	Lunch & networking	16:00	Group work reports & discussion Important facts will be compiled in an executive summary to be submitted to the BW bioeconomy cluster board.
13:00	Prof. Dr. Nicolaus Dahmen, Institute of Catalysis Research and Technology, Karlsruhe Institute of Technology	17:00	End