

KIT Center Materials in Technical and Life Sciences



Materials Day 2025

October 7th, 2025 from 9:00 (registration from 8:30 on) am to 4:30 pm

Auditorium at the "Fortbildungszentrum für Technik und Umwelt (FTU)"

KIT Campus North

Program

Registration from 8:30 - 9:00 am

09:00 - 09:20	Welcome – MaTeLiS News Prof. Wolfgang Wenzel / Dr. Nathalie Matter-König
09:20 - 09:50	The HELMHOLTZ Acceleration Alliance (HELMA) Prof. Stefanie Dehnen, INT, KIT
09:50 - 10:20	Poster Pitches
10:20 - 10:50	Networking – Poster Session
10:50 - 11:20	Self-Driving Labs for Polymer Nanocomposites Dr. Maciej Haranczyk, IMDEA, Spain
11:20 - 11:50	Acceleration Platform for Battery Systems in the Kadi Ecosystem Dr.-Ing. Arnd Koeppe, IAM-MMS, KIT
11:50 - 13:20	Poster Session – Lunch
13:20 - 13:50	Metal-Organic Framework-Based Enzyme Materials for Biocatalysis Tbd, IBG-1, KIT
13:50 - 14:20	Energy Materials Acceleration Platform (E-MAP) Dr. Holger Röhm, LTI, KIT
14:20 - 14:50	The ChemASAP Environment at KIT – a Literally Self-Driving Lab for Chemical Syntheses and Analyses Prof. Stefan Bräse IOC & IBCS-FMS / Dr. Patrick Hodapp, IBG-3, KIT
14:50 - 15:20	Networking – Poster Session

15:20 - 15:50	Towards a Self-Driving Lab for Coating Formulation Prof. Ghislaine Vantomme, Eindhoven University of Technology, Netherlands
15:50 - 16:20 • 15:50 - 16:05 • 16:05 - 16:20	MaTeLiS Matching Funds Projects 2025 • Quantum Defects Made Visible Dr. Hannes Rotzinger, IQMT, KIT • Modelling Bead Deposition in Material Extrusion with Highly Filled Filaments M. Sc. Lukas Hof, FAST, KIT
16:20...	Farewell – Chance for further poster discussions

The Materials Day is open to the public and free of charge, [registration is mandatory](#) for all participants.

Invited Speakers

KIT Guests

Dr. Maciej Haranczyk	Madrid Institute for Advanced Studies (IMDEA), Materials Institute, Spain
Prof. Dr. Ghislaine Vantomme	Eindhoven University of Technology, Netherlands

KIT Members

Prof. Dr. Stefan Bräse	Institute of Organic Chemistry (IOC) Institute of Biological and Chemical Systems – Functional Molecular Systems (IBCS-FMS)
Prof. Dr. Stefanie Dehnen	Institute of Nanotechnology (INT)
Dr. Patrick Hodapp	Institute for Biological Interfaces 3 (IBG-3)
M. Sc. Lukas Hof	Institute of Vehicle System Technology – Lightweight Engineering (FAST)
Dr.-Ing. Arnd Koeppe	Institute for Applied Materials – Microstructure Modelling and Simulation (IAM-MMS)
Dr. Nathalie Matter-König	Institute of Nanotechnology (INT) / MaTeLiS
Dr. Holger Röhm	Light Technical Institute (LTI)
Dr. Hannes Rotzinger	Institute for Quantum Materials and Technologies (IQMT)
Prof. Dr. Wolfgang Wenzel	Institute of Nanotechnology (INT)
T.b.d.	Institute of Biological Interfaces 1 (IBG-1)