

Materials Day 2022

Tuesday, June 21

from 9:30 a.m. to 4:00 p.m.

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

KIT Campus North

Agenda

09:30 - 9:50	Welcome Prof. Wolfgang Wenzel
09:50 - 10:30 09:50 – 10:10	New MaTeLiS Focus Fields (FF) <ul style="list-style-type: none"> • FF1: Virtual materials design and digitalization Prof. Britta Nestler & Dr. Fei Wang • FF2: Self-assembled, adaptive and biomimetic materials systems Prof. Sylvia Erhardt & Dr. Kersten S. Rabe
10:10 – 10:30	
10:30 - 11:10	Poster Pitches
11:10 - 11:40	Networking – Poster Session
11:40 - 13:00 11:40 – 12:00	MaTeLiS Focus Fields <ul style="list-style-type: none"> • FF3: Chemistry and physics of rare-earth materials Dr. Ralf Köppe • FF4: Correlative characterization of materials Prof. Christian Kübel • FF5: Nanomaterials for printing and additive manufacturing Prof. Jasmin Aghassi-Hagmann Nanometric layer stacking for additive chemistry Dr. Dario Mager • FF6: Quantum materials for quantum technologies & KIT Graduate School of Quantum Matter Prof. Markus Garst A quantum faster TProf. Philip Willke
12:00 – 12:20	
12:20 – 12:40	
12:40 – 13:00	
13:00 - 14:00	Lunch - Poster Session

<p>14:00 - 15:20 14:00 – 14:20</p> <p>14:20 – 14:40</p> <p>14:40 – 15:00</p> <p>15:00 – 15:20</p>	<p>Scientific Highlights – New Projects (15 Min. + 5 Min)</p> <ul style="list-style-type: none"> • SOP Bioprint – Round robin tests in 3D printing Prof. Jürgen Hubbuch • New Project: TRITime “Isolation, observation, and quantification of mechanisms responsible for hydrogen embrittlement using TRITium based microMEchanics” Prof. Christoph Kirchlechner • Materials Acceleration Plattform (MAP) Prof. Alexander Colsmann • Functional polymer gels based on oligomer fluids Zhenwu Wang & Modan Liu
<p>15:30 - 16:00</p>	<p>Networking – Poster Session</p>

Participation is free of charge, **registration is mandatory** for all participants.