

Germany-Japan Minisymposium Particles and Dispersions: Synthesis and Characterization

28.03.2025, 09:00 – 13.00
Seminar-room 0.332
Cauerstrasse 4, 91058 Erlangen

09:00

Nicolas Vogel

Institute of Particle Technology, FAU

From particles to functional materials

09:30

Akira Yoko

International Center for Synchrotron Radiation Innovation Smart, Tohoku University

Supercritical hydrothermal synthesis of ultrasmall organic modified metal oxide nanoparticles and their nano fluids behavior

10:00

Robin Klupp Taylor

Institute of Particle Technology

Scalable synthesis and multidimensional characterization of plasmonic patchy nanoparticles

10:30 Coffee break

11:00

Eita Shoji,

Department of Mechanical Systems Engineering, Tohoku University

Optical measurements of dynamic wetting and thermophysical properties of nanofluids

11:30

Johannes Water

Interdisciplinary Center for Functional Particle Systems

Insights into the properties of functional particle systems through sedimentation analytics

12:00

Wolfgang Peukert

Institute of Particle Technology, FAU

tbd

12:30 Discussion on joint activities

13:00 Lunch (only presenters)