

Seminar

Thermophysikalische Eigenschaften / Thermophysical Properties

– Summer Term 2022 –

26th April 2022

Qiao Wei (Master thesis)

Viscosity and Interfacial Tension of Liquid Organic Hydrogen Carriers (LOHCs) and their Derivatives from Surface Light Scattering

31st May 2022

Manuel Kerscher

Characterization of Liquid Organic Hydrogen Carriers by Surface Light Scattering

14th June 2022

Francisco Berger Bioucas

Development of a Guarded Parallel-plate Instrument for the Investigation of the Effective Thermal Conductivity of Dispersions with a Liquid Continuous Phase

21st June 2022

Junwei Cui

Development of the Surface Light Scattering Technique for the Simultaneous Determination of Viscosity and Surface Tension of Non-Transparent Systems Over a Wide Range of Thermodynamic States

28th June 2022

Chathura Hewa Kankanamge

Characterization of Diffusive Mass Transport in Binary Electrolyte Systems Using Dynamic Light Scattering

5th July 2022

Patrick Schmidt

Routine Determination of Mutual Diffusivities by the Shadowgraph Method

12th July 2022

Julius Kühl

Condensation of Hydrocarbon Mixtures on Tubes and Tube Bundles

19th July 2022

Presentations within the Seminar “Thermophysical Properties of Working Materials in Energy Technology”

26th July 2022

Frederik Meißner (Bachelor thesis)

Determination of the Translational and Rotational Diffusion Coefficients of Gold Nanorods with Different Aspect Ratios by Dynamic Light Scattering

Time: Tuesday at 4:00 p.m.

Place: AOT lecture room, Paul-Gordan-Straße 8, 91052 Erlangen

Erlangen, April 22, 2022

Dr.-Ing. Michael Rausch

Prof. Dr.-Ing. habil. Andreas Paul Fröba