

Seminar

Thermophysikalische Eigenschaften / Thermophysical Properties

– Summer Term 2023 –
– Update 20th May 2023 –

25th April 2023

Hannah Zachskorn (Bachelor thesis)

*Viscosity of Isomers of Benzyltoluene and Their Mixtures by
Capillary Viscometry up to 473 K*

2nd May 2023

Hubert Blabus (Bachelor thesis)

*Conceptualization of Measurement Systems for Condensation Heat
Transfer Coefficients and Contact Angles of Low-Surface-Tension
Fluids in Context of Dropwise Condensation*

9th May 2023

Markus Rößler (Master thesis)

*Diffusion of Nanoparticles in Free Media and Under Confinement
Probed by Dynamic Light Scattering*

16th May 2023

Pranay Kumar Chittem

*Determination of Hydrogen Solubility in Liquid Organic Hydrogen
Carrier Systems by the Isochoric Saturation Method Combined with
Raman Spectroscopy*

23rd May 2023

Francisco Berger Bioucas

*Influence of Nanoparticle Size on the Effective Thermal
Conductivity of Nanofluids*

30th May 2023

Bara'a Al-Khateeb

*Dropwise Condensation Heat Transfer of Fluids with Low Surface
Tension*

6th June 2023

Muhammad Saad Idrees

Modeling of Heat Transfer in Hot Stamping

13th June 2023

Anil Köksal (Master thesis)

Viscosity and Surface Tension of Isomers of Benzyltoluene and Their Mixtures from Surface Light Scattering and the Pendant-Drop Method

20th June 2023

Frances D. Lenahan

Diffusion in Liquids with Dissolved Gases by Dynamic Light Scattering Experiments, Equilibrium Molecular Dynamics Simulations, and Prediction Models

27th June 2023

Manuel Kerscher

Characterization of Liquid Organic Hydrogen Carriers by Surface Light Scattering

11th July 2023

Patrick Schmidt

Routine Determination of Diffusivities in Binary Mixtures by the Shadowgraph Method

18th July 2023

Julius Kühl

Influence of Surface Structure and Tube Material on the Condensation Heat Transfer Coefficient for Horizontal Single Tubes and Tube Bundles

Time: Tuesday at 4:00 p.m.

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

Erlangen, May 20, 2023

Dr.-Ing. Michael Rausch

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