Friedrich-Alexander-Universität
Technische Fakultät

Seminar
Thermophysikalische Eigenschaften / Thermophysical Properties

– Winter Term 2022/2023 –
– Update 09/01/2023 –

18th October, 2022

Lukas Frank (Bachelor thesis)
Aufbau einer Versuchsanlage zur Untersuchung der Kondensation von binären Kohlenwasserstoffgemischen an glatten und berippten Einzelrohren und Rohrbündeln

25th October, 2022

Ziwen Zhai
Viscosity and Surface Tension of Ionic Liquids and Their Mixtures with Dissolved Gases by Combination of Surface Light Scattering and the Pendant-Drop Method

8th November, 2022

Dominik Schmidt (Master thesis)
Modellierung des Wärmeübergangskoeffizienten bei der Kondensation von binären Kohlenwasserstoffgemischen an der Außenseite von horizontalen Rohren

13th December, 2022

Chathura Hewa Kankanamge
Influence of the Molecular Characteristics of Solutes and Solvents on Fick Diffusion Coefficients in Binary Electrolyte Systems

20th December, 2022

Taotao Zhan
Fick Diffusion Coefficients in Binary Electrolyte Systems by Dynamic Light Scattering

10th January, 2023

Frances Lenahan
A Transferrable Temperature-Dependent Modification to the L-OPLS Force Field

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17th January, 2023

Wenchang Wu
Determination of Diffusion Coefficients of Anisotropic Nanoparticles by Dynamic Light Scattering

24thJanuary, 2023

Julius Jander
Determination of Hydrogen Solubility in Liquid Hydrogen Carriers by Raman Spectroscopy

31st January, 2023

Maximilian Piszko
Diffusivities in Mixtures of Water, Brine, Hydrogen, and Methane by Dynamic Light Scattering

7th February 2023

Julius Kühl
Design and Validation of an Experimental Setup for the Characterization of the Condensation Behavior of Binary Hydrocarbon Mixtures on Horizontal Tubes and Tube Bundles

Time: Tuesday at 4:00 p.m.
Place: AOT lecture room, Paul-Gordan-Straße 8, 91052 Erlangen

Erlangen, January 9, 2023
Dr.-Ing. Michael Rausch
Prof. Dr.-Ing. habil. Andreas Paul Fröba

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