Friedrich-Alexander-Universität
Technische Fakultät

Seminar
Thermophysikalische Eigenschaften / Thermophysical Properties

– Summer Term 2026 –

14th April 2026	**Bara'a Al-khateeb** *Condensation Heat Transfer Coefficients for Low-Surface-Tension Fluids during Dropwise Condensation*
21st April 2026	**Muhammad Saad Idrees** *Modeling of Interfacial Heat Transfer Coefficients during Hot Stamping*
28th April 2026	**Julius Kühl** *Condensation Heat Transfer of Zeotropic n-Alkane Mixtures on Horizontal Single Tubes and in Tube Bundles*
5th May 2026	**Richie Djomo** (Bachelor thesis) *Characterization of the Influence of the Base Fluid Viscosity on the Particle Diffusivity in Dispersions of Anisotropic Nanoparticles by Dynamic Light Scattering*
12th May 2026	**Hubert Blabus** *Transport Properties of Organic Liquids with Dissolved Hydrogen by Optical and Conventional Techniques*
19th May 2026	**Chathura Hewa Kankanamge** *Diffusivities in Electrolytes by Dynamic Light Scattering and Molecular Dynamics Simulations*
26th May 2026	**Geethika Baddila** (Master thesis) *Condensation Heat Transfer for Binary Propane/n-Pentane Mixtures on Horizontal Single Tubes and in Tube Bundles*
2nd June 2026	**Kisal Randula Senadeera** *Characterization of Mixtures Consisting of 1,4-Butanediol, γ-Butyrolactone and Dissolved H_2 using Molecular Dynamics Simulations*

Institute of Advanced Optical Technologies – Thermophysical Properties (AOT-TP)
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9th June 2026	**Varun Jadav** (Master thesis) *Determination of Hydrogen Solubility in Organic Liquids Using the Isochoric Saturation Method and Raman Spectroscopy*
16th June 2026	**Pranay Kumar Chittem** *Characterization of Anisotropic Particulate Systems by Dynamic Light Scattering*
30th June 2026	**Patrick Schmidt** *Photon Correlation Spectroscopy Techniques for the Accurate Determination of Mutual Diffusivities*
7th July 2026	**Presentations within the Seminar "Thermophysical Properties of Working Materials in Energy Technology"** *tba*
14th July 2026	**Marcel Mester** (Master thesis) *Condensation Heat Transfer for Propene-Propane Mixtures on Horizontal Single Tubes and in Tube Bundles*

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

Erlangen, April 9, 2026
Dr.-Ing. Michael Rausch
Prof. Dr.-Ing. habil. Andreas Paul Fröba

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