

Seminar

Strukture und Dynamics in Condensed Matter

Winter Term 2024/2025

<i>Topic</i>	<i>Place</i>	<i>Date</i>	<i>7</i>
Revealing the effect of solvent additive selectivity on the formation kinetics in printed active layers for organic solar cells Jinsheng Zhang	Seminarraum 3734 E13/E19	15.10.2024	1
Upgrading Carbonate Electrolytes for Lithium Metal Batteries by Synergetic Additives Zhuijun Xu	Seminarraum 3734 E13/E19	22.10.2024	1
Light-switchable thermoresponsive polymers Peiran Zhang	Seminarraum 3734 E13/E19	29.10.2024	1
Real-Time Monitoring of Electrochemical Reactions in All-Solid-State Lithium Batteries by Simultaneous Grazing-Incidence Small-Angle/Wide-Angle X-ray Scattering Yuxin Liang	Seminarraum 3734 E13/E19	05.11.2024	1
Electrode stabilization for high performance solid-state lithium metal batteries Ruoxuan Qi	Seminarraum 3734 E13/E19	12.11.2024	1
In-situ tracking the evolution of morphology and optical properties of thin films during spraying and annealing for organic solar cells Shuxian Xiong	Seminarraum 3734 E13/E19	19.11.2024	1
Effect of Perovskite Nanocrystal Nucleation Seeds on Microstructure and Crystallization Pathways in Perovskite Thin Films Altantulga Buyan-Arivjikh	Seminarraum 3734 E13/E19	26.11.2024	1
Operando study on structure-activity relationship between electrolyte components and electrochemical performance for all-solid-state lithium-ion batteries Yingying Yan	Seminarraum 3734 E13/E19	03.12.2024	1
Operando neutron experiments in order to investigate lithiation and ageing mechanisms Thien An Pham	Seminarraum 3734 E13/E19	10.12.2024	1
Operando and in situ studies on 2D perovskite solar cells Kun Sun	Seminarraum 3734 E13/E19	17.12.2024	1
Gas quenching process under ambient condition for stable and efficient inverted perovskite solar cells Zhaonan Jin	Seminarraum 3734 E13/E19	07.01.2025	1
Tailoring morphologies of protein-templated titania nanostructures Linus F. Huber	Seminarraum 3734 E13/E19	14.01.2025	1

Cesium-Formamidinium Lead Iodide Perovskite Nanocrystal Layers Thomas Baier	Seminarraum 3734 E13/E19	21.01.2025	1
Operando observation of lithium dendrite growth in lithium-ion batteries with polymer electrolyte Fabian A. C. Apfelbeck	Seminarraum 3734 E13/E19	28.01.2025	1
Time-dependent morphology evolution of templated mesoporous titanium films Guangjiu Pan	Seminarraum 3734 E13/E19	04.02.2025	1
Structure Design and Interface Manipulation of Functional Composite Electrolytes for Solid-State Lithium Batteries Lyuyang Cheng	Seminarraum 3734 E13/E19	11.02.2025	1

Organizer: **Physik Department, Lehrstuhl für Funktionelle Materialien und Fachgebiet Physik weicher Materie**
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