13th Meeting of the Graduate Network - Life, Light and Matter 2026

Location: Seminar Room 110; Research Building of the Department LL&M; Albert-Einstein-Str. 25
Date: 27.04.2026

Universität Rostock Traditio et Innovatio

	Time		Speaker		Lector Topic	Supervisor		
1	09:00	09:05	Zimmermann	Ralf	Welcome			
2	09:05	09:15	Wenskus	Isabell	Enabling muscle fibre quantification form multiphoton images	Prof.	Simone	Baltrusch
3	09:20	09:30	Schaub	Valeria	Estimation of the speed of self-motion from optic flow in harbor seals	Prof.	Frederike	Hanke
4	09:35	09:45	Riaz	Abdullah	Piezoelectric scaffolds with an interconnected porous architecture for bone tissue engineering	Prof.	Hermann	Seitz
5	09:55	10:05	Naeimi	Moha	Spatio-temporal imaging of exciton diffusion in organic molecular crystals	Prof.	Sylvia	Speller
6	10:10	10:20	Wilde	Monique	Multisensory integration in harbor seals	Prof.	Frederike	Hanke
Coffee break 10:20 - 11:00								
7	11:00	11:10	Philipp	Max	Liquid Organic Hydrogen Carriers: Tuning chemical properties through systematic combination	Prof.	Karsten	Müller
8	11:15	11:25	Johannes	Schnegas	Hydrogels as sensor materials	Prof.	Udo	Kragl
9	11:30	11:40	Monzer	Maarouf	Self-Cleaning Mechanisms on Laser-Induced Surface Structures.	Prof.	Hermann	Seitz
10	11:45	11:55	Garg	Rajat	Stuyding premelting of ice using NV centers in Diamond	Prof.	Friedemann	Reinhard
11	12:00	12:10	Susemihl	Chiara	Development of a physiologically regulated Heart Assist Device.	Prof.	Robert	David
Lunchtime snack 12:10 - 13:00								
12	13:00	13:10	Thiele	Daniel	Synthetic Synovial Fluid for Tribological Research	Prof.	Rainer	Bader
13	13:15	13:25	Lieberwirth	Eric	From Noise to Knowledge: Two Ways to Extract Lipid Membrane Mechanics by Scanning Ion Conductance Microscopy	Prof.	Sylvia	Speller
14	13:30	13:40	Millkereit	Benjamin	Atomic scale STEM analysis of Mg-Zn rich clusters and GP zones in AlZnMg alloys	Prof.	Olaf	Kessler
15	13:45	13:55	Böttcher	Tom	Single-shot time-resolved diffractive imaging of ultrafast plasma-dynamics in gold foils	Prof.	Stefan	Lochbrunner
16	14:00	14:10	Opacak	Sasa	Ruthenium catalysed transfer vinylation	Prof.	Udo	Kragl
17	14:15	14:25	Rezk	Hamada	Large Dynamical Differences Induced by Small Alkyl Substituents in Cobalt(III) Complexes: Computational Perspectives	PD	Olga	Bokareva
Networking and Coffee break 14:30 - 15:00								