



# SPP 2171 Workshop: "Wetting of Flexible, Adaptive, and Switchable Substrates"

## Montag, 4. Dezember 2023

### Poster Session (16:30 - 18:30)

time	[id] title	presenter
16:30	[2] Estimating the drop width based on side view dynamic measures	SHUMALY, Sajjad
16:50	[13] Measuring Adaptation of pH-Sensitive Poly[2 (Dimethylamino)ethyl Methacrylate] Films	JI, Yuwen BERGER, Rüdiger
17:10	[18] Steering droplets on substrates with travelling wave wettability patterns and deformations	GRAWITTER, Josua
17:30	[20] Slide electrification of water droplets over CYTOP electrets surfaces	SHALINI, shalini
17:50	[40] Not flexible but reactive	SUN, Youqing
18:10	[38] Directional wicking on topographic micropatterns	BRINKMANN, Martin
18:10	[25] Intracellular wetting between biomembranes and liquid-like condensates	HAUER, Lukas
18:10	[5] Electrical Discharge of Sliding Drops	NI, Zhongyuan
18:10	[4] Elastohydrodynamic Coupling at the micro/nano scale	ZHANG, zaicheng
18:10	[6] Electro(de)wetting with Photoswitches: Control of wetting by electric fields and light	Frau SHAKHAYEVA, Billura
18:10	[11] Photoresponsive Polymer Brushes	LOHRMANN, Steffen
18:10	[17] Control of the water flux by variation of the interlamellar distance	SADILOV, Ilia
18:10	[22] Water Sensing in Polymers by Time-Resolved Fluorescence of Solvatochromic Dye	Dr. DRUZHININ, Sergey I.
18:10	[35] Responsive Water Pinning in Liquid Crystal Elastomers	BARNES, Morgan
18:10	[1] Synthesis of diblock copolymer brush layers to control the adaptation time to water	LEIBAUER, Benjamin
18:10	[15] Studying the surface charge density as the contact line dewets the surface	BISTA, Pravash
18:10	[29] Dynamic wetting of concentrated granular suspensions	AZIZMALAYERI, Reza
18:10	[42] Growing biofilms on elastic substrates	PIETZ, Anthony Lennard
18:10	[53] Wetting fronts underneath impacting drops on oily substrates	MORADIMEHR, Shiva