

SPP 2171 Spring Conference: Dynamic Wetting of Flexible, Adaptive, and Switchable Substrates

Donnerstag, 20. Februar 2025

Poster Session: Poster Session - Staudinger Lecture Hall (10:30 - 12:30)

time	[id] title	presenter
10:30	[26] Dynamics of drop-induced lubricant separation and depletion on oleophilic polymer brushes	Herr LIU, Enqing
10:50	[28] Removing particles from hydrophobic surfaces by single water drops	Dr. SABATH, Franziska
11:10	[6] Spontaneously Charged Water Drops Induce Corrosion	NI, Zhongyuan
11:30	[30] Lateral adhesion of droplets measured with the scanning drop friction force instrument	BERNER, Fiona
11:50	[13] Dynamic Wetting of Adaptive Polyelectrolyte Substrates: A multiscale approach	Frau MELTSCHOCH, Mona
12:10	[33] Synthesis and investigation of Nile Red- and aurone-labeled methacrylate derivatives as novel solvatochromic probes for polymer analysis	STEUP, Sören
12:10	[32] Block copolymer gradient brushes: A detailed look at the synthesis and characterization	DECKER, Jonah
12:10	[40] Stimulus Responsive Polymer Brushes for Control of Static and Dynamic Wetting with Lipid Vesicles	WEISSENFELD, Felix
12:10	[47] Correlating the slippery behavior of nanoscale poly(dimethylsiloxane) layers to their liquid like molecular mobility	JIAN, Lin
12:10	[25] Robust, Easy-To-Clean Silica Sol-Gel Solar Panel Coatings	KARAKAYA, Tarik
12:10	[20] Estimating sliding drop width via side-view features using artificial neural networks	SHUMALY, Sajjad
12:10	[21] Estimating drop width for sliding drops using Machine Learning	Herr CHAURASIA, Rishi
12:10	[51] Kinetics of Cloak Development of Droplets on Lubricated Polymer Brushes	BADR, Rodrique