

Monday, Dec 5th

12:30 – 14:00	Lunch & registration
14:00 – 14:45 Keynote	HANS-JÜRGEN BUTT <i>Charging and adaption after wetting</i>
14:45 – 15:30 Keynote	RAFAEL TADMOR <i>Solid-liquid work of adhesion</i>
15:30 – 16:00	Coffee break
15:30 – 16:00 Poster session	<ul style="list-style-type: none">• <i>Deep learning to analyze sliding drops</i>• <i>Dynamic mesoscopic model for two-component compound drops</i>• <i>Fluorescent Techniques to Measure in Real-Time Water Diffusion Through Polymeric Surfaces</i>• <i>Gradient Dynamics Model for Liquid Drops on Elastic Substrates – Capturing prominent Soft Wetting Phenomena using a simplified Approach</i>• <i>Intelligent Polymer Materials and Films for Electrochemical, Pharmaceutical & Soft Robotics Applications</i>• <i>Photoresponsive Wetting of Polymerbrushes containing Arylazopyrazoles</i>• <i>Photoswitchable soft substrates for droplet behavior evaluation upon on-demand softness alteration</i>• <i>Schroeder's paradox in polymeric surfaces</i>• <i>Sliding water contact electrification on plasma-treated surface</i>• <i>Spreading and Evaporation of Nanodroplets on Soft and Rigid Surfaces</i>• <i>Spreading of volatile oils on swelling hydrophobic polymer brush layers</i>• <i>Stimuli effects on different responsive polymer brushes</i>• <i>Synthesis of diblock copolymer brush surfaces to control the adaptation time to water</i>• <i>The Interplay of Spreading, Imbibition and Evaporation of Droplets at Nanoporous Surfaces</i>• <i>Vesicles adhered to flexible and adaptive surfaces</i>

Tuesday, Dec 6th

9:00 – 9:45 Keynote	SISSI DE BEER <i>Solvation and Wetting of Polymer Brushes in Air</i>
9:45 – 10:30 Keynote	OLIVER BÄUMCHEN <i>Switchable and Adaptive Bioadhesion – Insights from Living Systems</i>
10:30 – 11:00	Coffee break
11:00 – 12:30 Short talks	SERGEY I. DRUZHININ <i>Monitoring of Water Penetration in Polymer Brushes by Time-Resolved Fluorescence of Solvatochromic Dye</i> CHRISTOPHER HENKEL & MARTIN H. ESSINK <i>Describing liquid drops on elastic substrates: Mesoscale model vs. macroscale model and experiment</i> BENJAMIN LEIBAUER <i>Influence of surface chemistry on the charging of water drops moving on hydrophobic silicate substrates</i>
12:30 – 14:00	Lunch & discussion
14:00 – 15:30 Short talks	FLORIAN KUMMER <i>A High-Order Method for the Interaction of Fluids and Soft Substrates with Three-Phase Contact Lines</i> BJÖRN BRAUNSCHWEIG <i>Molecular Kinetics and Dynamic Wetting of Self-Assembled Monolayers with Arylazopyrazole Photoswitches on Oxide Surfaces</i> HANSOL JEON <i>Fast contact line on soft solids</i>
15:30 – 16:00	Coffee break
16:00 – 17:00 Evening talk	DORIS VOLLMER <i>COP27: Who attends and who is blocking? Our role as scientists?</i>

Wednesday, Dec 7th

9:00 – 9:45 Keynote	THOMAS SALEZ <i>Lift at low Reynolds number</i>
9:45 – 10:30 Keynote	KARIN JOHN <i>Biological Applications of the Thin-Film-Equation: From cellular motility to lateral spreading of biofilms</i>
10:30 – 11:00	Coffee break
9:45 – 10:30 Keynote	MOTOMU TANAKA <i>Stimulus-Induced Wetting of Polymer Brushes with Lipid Vesicles: Experimental Challenges and Perspectives</i>
11:45 – 12:45 Short talks	UROŠ TKALEC <i>Water droplets on liquid crystal-infused porous surfaces</i> FENNA STEGEMERTEN <i>Bistable moving and resting drops in an active thin-film model</i>
12:45 – 14:00	Lunch & discussion
14:00 – 15:30 Short talks	KHALIL REMINI & LEONIE SCHMELLER <i>Equilibrium droplets between experiment and theoretical predictions</i> NILOOFAR NEKOONAM <i>Photoswitchable porous substrates for on demand wetting patterns creation</i> XIAOMEI LI <i>How friction develops during the sliding of drops</i>
15:30 – 16:00	Coffee break
16:00 – 17:30 Short talks	TILMAN RICHTER <i>Dilute suspensions of chemically active particles in thin liquid films</i> MARCEL MOKBEL <i>An ALE-Phase-Field Method for simulations of wetting on elastic shells in flow</i> JOSUA GRAWITTER <i>Steering droplets on substrates with plane-wave wettability patterns and deformations</i>

Thursday, Dec 8th

9:00 – 9:45 Keynote	CAMILLE DUPRAT <i>Wetting and Swelling of soft fibres</i>
9:45 – 10:30 Short talk	RODRIQUE BADR & LUKAS HAUER <i>Cloaking Induced Variation in Droplet Surface Tension</i>
10:30 – 11:00	Coffee break
11:00 – 12:30 Short talks	SIMON SCHUBOTZ <i>Memory effects of PNIPAAm brushes in different atmospheres</i> VINCENT BERTIN <i>Dip-coating a soft layer</i> SIMON HARTMANN <i>Gradient dynamics model for sessile drop evaporation in a gap: from simple to applied scenarios</i>
12:30 – 14:00	Lunch & end