

Monday Poster Pitches

P3	Lara Lalemi	University of Bristol	Aerosols	Investigations of the viscosity of atmospherically relevant organic particles
P6	Fuqiang Chu	Beihang University	Emulsions/ Multiphase Flow	Droplet re-icing characteristics on solid surfaces
P11	A. Vikhansky	Siemens PLM Software	Emulsions/ Multiphase Flow	COMBINED CFD-POPULATION BALANCE MODELLING OF EMULSION FORMATION IN TURBULENT FLOWS
P14	Lev Barash	Landau Institute for Theoretical Physics	Evaporation	Fluid flow structures in an evaporating droplet depending on the droplet geometry and properties of liquid and substrate
P15	Myrthe Bruning	Physics of Fluids, University of Twente	Evaporation	Turning drops into bubbles: cavitation by diffusion through an elastic network
P16	Yuhong Chen	The University of Edinburgh	Evaporation	Influence of Capillary Origami on the Evaporation of Sessile Drops on Soft Membranes
P19	Alexandra Gavrilina	Landau Institute for Theoretical Physics	Evaporation	Studying Hydrothermal Waves in an Evaporating Sessile Drop by Computer Simulation
P24	Cecile Lalanne	CEA	Evaporation	Evaporation of saline sessile droplets : numerical analysis with a VOF method.
P27	Justine Parmentier	University of Liège	Impact	A drop does not fall on a straight line: a rationale for the width of stalagmites
P31	Yuansi Tian	KAUST	Impact	SINGULAR JETS FROM THE COLLAPSE OF CRATERS AT A POOL SURFACE
P33	Masao Watanabe	Hokkaido University	Impact	DROP IMPACT ON A FAST-MOVING RIGID SOLID PLATE PROJECTED BY A COILGUN IN A VACUUM CHAMBER
P36	Rameez Iqbal	Indian Institute of Technology Madras	Microfluidics and acoustofluidics	EVAPORATION FREE SELF-TRANSPORTATION AND MANIPULATION OF AQUEOUS DROPLETS OVER AN OIL-LADEN DIVERGING GROOVE
P39	Yi Sui	Queen Mary University of London	Microfluidics and acoustofluidics	PATH SELECTION OF A SPHERICAL CAPSULE IN A MICROFLUIDIC BRANCHED CHANNEL
P51	Solomon Melides	University of Surrey	Textured, patterned, smart surfaces	SPREADING DYNAMICS OF WATER ON SOLUBLE THIN FILMS PATTERNED WITH HYDROPHOBIC DROPLETS
P56	Hernán Barrio-Zhang	Northumbria University	Wetting	Contact Line Dynamics and Hysteresis Measurements on SOCAL Surfaces
P58	Kristina Davitt	Ecole Normale Supérieure de Paris	Wetting	CONTROLLED NANOSCALE DEFECTS TO STUDY WETTING HYSTERESIS AND DYNAMICS
P59	A. M. J. Edwards	Nottingham Trent University	Wetting	Liquid-in-Liquid Dewetting Dynamics
P60	Pauline Galy	École Normale Supérieure de Paris	Wetting	SELF-PROPELLED WATER DROPS ON BARE GLASS SUBSTRATES

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P80	Maximilian Hartmann	Institute for Nano- and Microfluidics, TU Darmstadt, Germany	Coalescence and Break up	Stability of Evaporating Droplets on Chemically Patterned Surfaces
P84	Rick Sijs	University of Amsterdam	Coalescence and Break up	What determines the drop size in sprays?
P88	Wenjun LIU	Institute of Mechanics, Chinese Academy of Sciences	Evaporation	HYDRODYNAMIC INSTABILITY OF AN EVAPORATING LIQUID LAYER IN A CYLINDRICAL POOL
P90	Veronica McKinny	University of Edinburgh	Evaporation	THE DRYING OF BLOOD
P96	Prof. P.K Panigarhi	IIT Kanpur	Evaporation	Digital holographic investigation of micro-liter well
P97	Victoria Tishkova	Aix Marseille University	Evaporation	TRANSMISSION OPTICAL IMAGING OF CONTRACTING SESSILE MICRODROPLETS
P99	Abdulrahman Aljedaani	KAUST	Impact	Splash Or No-Splash!
P102	Carlos Galeano-Rios	University of Bath	Impact	Quasi-normal impacts and the kinematic match for walking droplets
P107	Srinath Lakshman	University of Twente	Impact	Relaxation of liquid deformation under impacting drop
P108	Renhua Deng	University of Bristol	Inkjet Printing	Combining emulsion solvent evaporation with inkjet printing: Preparation and deposition of polymeric microcapsules and particles
P111	Manos Anyfantakis	University of Luxembourg	Liquid Crystals and complex fluids	LIQUID CRYSTALLINE SELF-ASSEMBLY INSIDE LIQUID MARBLES: MILLIMETRE- SIZED SPHERES WITH TAILORED STRUCTURAL COLOR
P115	Francesco Paolo Contò	Queen Mary University of London	Modelling across time and length scales	Capillary retraction of an axisymmetric liquid ligament
P121	Olga Savenko	Photochemistry Center of the FSRC «Crystallography and Photonics» RAS,	Modelling across time and length scales	SELF-ASSEMBLY OF COLLOIDAL PARTICLES INTO EVAPORATING SESSILE DROP OF WATER- GLYCEROL AND WATER-ETHYLENE GLYCOL BINARY
P124	Bethany Orme	Northumbria University	Textured, patterned, smart surfaces	Droplet Retention and Shedding on Slippery Substrates
P126	Kei Takashina	University of Bath	Textured, patterned, smart surfaces	SELF-PROPELLING LEIDENFROST DROPLETS ON A VARIABLE TOPOGRAPHY SURFACE
P128	Ciro Sempregon	Northumbria University	Textured, patterned, smart surfaces	NON NEWTONIAL SLIPPERY LIQUID INFUSED POROUS
P133	Olinka Ramirez Soto	Max Planck Institute for Dynamics and Self-Organization	Wetting	Flow structure of marangoni-contracted sessile droplets of water-diol mixtures
P135	Amy Stetten	Max Planck Institute for Polymer Physics	Wetting	Wetting Adaptation and Charge Separation at the Interface between Polymer Surfaces and Rolling Drops
P136	Joséphine Van Hulle	University of Liège	Wetting	Capillary transport of droplets on 3d printed conical structures
P138	Fei Wang	Karlsruhe Institute of Technology	Wetting	Wetting of non-equilibrium liquids