

# Droplets on the Mediterranean

May 17-21, 2020, Nahsholim resort

## List of speakers and their titles

Full name	Titles
1 Shahriar Afkhami	Drop solidification upon impacting solid surfaces
2 Vladimiar Ajaev*	Spreading and evaporation of droplets of aqueous solutions on heated substrates
3 Darren Crowdy	Theoretical musings on Leidenfrost
4 Yuval Dagan	Towards a hydrodynamically inspired quantum field theory
5 Stéphane Dorbolo	Leidenfrost droplet: beyond the hot plate
6 Camille Duprat	Wetting of soft fibres.
7 Jens Eggers	Breakup of a polymeric drop
8 Marco Fontelos	Discrete self-similarity in interfacial hydrodynamics and the formation of iterated structures
9 Amir Gat	Interfacial instability of thin films in soft microfluidic configurations actuated by electro-osmotic flow
10 Steffen Hardt	Drop generation and manipulation using electric fields
11 Aditya Khair	Deformation of a conducting drop in a randomly fluctuating electric field
12 Alex Leshansky	
13 John Lister	Coalescence of Drops
14 Ofer Manor	Using acoustic waves to move droplets in nanochannels or a new acoustic streaming mechanism at the nanoscale
15 Glen McHale	Droplets and liquid films on electrically switchable surfaces
16 Demetrios Papageorgiou	Nonlinear instabilities in immiscible multilayer flows
17 Marc Pradas	Controlling droplets with dynamic size on smooth topographies
18 David Quere	
19 Weiqing Ren	Modeling and simulation of electro-wetting on dielectric
20 Etienne Reyssat	Fingering instability of an adhesion front
21 Ory Schnitzer	Rolling of nonwetting droplets down a gently inclined plane
22 Michael Siegel	Accurate computations of Stokes drops with surfactant
23 Paul Steen	Is contact line mobility a material parameter?
24 Jean-Marc Vanden-Broeck	Faraday wave-droplet dynamics
25 Petia Vlahovska	Droplets in electric fields: instabilities and interactions
26 Stephen Wilson	
27 Ehud Yariv	Rotation of a superhydrophobic cylinder in a viscous liquid