

# Program

Wednesday, 10 April 2019

17:00 – 21:00 Registration

from 18:30 *BUFFET SUPPER / Informal get together*

Thursday, 11 April 2019

08:00 *BREAKFAST*

09:00 – 09:10 Scientific organizers **Opening and welcome**

Chair: Kirsten Harth

09:10 – 09:55 Periklis Papadopoulos **Wetting of soft superhydrophobic micropillar arrays**

09:55 – 10:40 Stefan Karpitschka **Dynamical wetting of soft solids**

10:40 – 11:00 *COFFEE BREAK*

Chair: Barbara Wagner

11:00 – 11:45 Robert Style **Surface stresses in soft silicone gels**

11:45 – 12:30 Jacco Snoijer **Interactions on soft interfaces: Beyond the Cheerios effect**

12:30 **Conference Photo** (in the foyer of the lecture hall)

12:35 *LUNCH*

# Program

Thursday, 11 April 2019

**Chair: Peichun Amy Tsai**

- 14:00 – 14:45    Dominic Vella            **Droplet motion induced by geometry  
and flexibility**
- 14:45 – 15:45    **Poster flash presentations I (2:30 min. each)**
- 15:45 – 16:05    *COFFEE BREAK*

**Chair: Sebastian Aland**

- 16:05 – 16:50    Julia Yeomans            **Bacteria: Self-motile liquid crystals?**
- 16:50 – 17:50    **Poster flash presentations II (2:30 min. each)**
- 18:00            *DINNER*
- 19:15            **Poster session**

# Program

Friday, 12 April 2019

08:00            *BREAKFAST*

Chair: Thomas Willers

08:45- 09:00    Stefan Jorda            **About the Wilhelm and Else Heraeus-Foundation**

09:00 – 09:45    Atsushi Hozumi        **How to realize statically hydrophilic/oleophilic but dynamically hydrophobic/oleophobic surfaces?**

09:45 – 10:30    Karin Jacobs           **Impact of interfacial properties to droplet dynamics, geometry and arrangement**

10:30 – 11:00    *COFFEE BREAK*

Chair: Martin Brinkmann

11:00 – 11:45    Chiara Neto            **How slippery are SLIPS? Measuring effective slip on lubricated surfaces with colloidal probe atomic force microscopy**

11:45 – 12:30    Halim Kusumaatmaja   **Modelling drops on liquid infused surfaces**

12:30            *LUNCH*

# Program

Friday, 12 April 2019

## Chair: Andreas Münch

14:00 – 14:45	Armelle Keiser	Dynamics on liquid-infused surfaces
14:45 – 15:30	Camille Duprat	Wetting flexible fiber arrays
15:30 – 16:15	Detlef Lohse	Droplets and bubbles with phase transitions
16:15 – 16:45	<i>COFFEE BREAK</i>	

## Chair: Steffen Hardt

16:45 – 17:30	Dimosthenis Poulidakos	Rational surface nanoengineering for dropwise condensation and antifogging
17:30 – 18:15	Cameron Tropea	Wetting questions in vehicle water management
18:15 – 19:00	David Quéré	tba
19:00	<i>HERAEUS DINNER at the Physikzentrum (cold &amp; warm buffet, free beverages)</i>	

# Program

Saturday, 13 April 2019

08:00            *BREAKFAST*

Chair: Bat-El Pinchasik

09:00 – 09:45    Xu Deng                    Printing surface charge as a new  
paradigm to program droplet transport

09.45 – 10:30    Robin Ras                    The challenge of accurate  
characterization of surface wetting

10:30 – 10:55    *COFFEE BREAK*

10:55 – 11:00    Scientific organizers    Poster awards

Chair: Elmar Bonaccorso

11:00 – 11:45    Jürgen Rühle                    Robust and Sturdy: Tailormade micro-  
and nanostructured materials with  
unusual wetting properties

11:45 – 12:30    Hans-Jürgen Butt            Adaptive wetting

12:30 – 12:40    Scientific organizers    Summary and closing remarks

12:40            *LUNCH*

***End of the seminar and FAREWELL COFFEE / Departure***

*Please note that there will be no dinner at the Physikzentrum on Saturday evening for participants leaving the next morning.*