

Monday 18 <sup>th</sup> June 8:45-10:30: Fundamentals I	Tuesday 19 <sup>th</sup> June 9:00-10:30: Fundamentals II	Wednesday 20 <sup>th</sup> June 9:00-10:30: Novel applications II
8:45-9:00: opening  9:00-9:30 <u>Frieder Mugele</u> Electrowetting tutorial (I): General EW theory  9:30-10:00 <u>Stein Kuiper</u> Electrowetting tutorial (II): Practical Do's and Don't's in EW  10:05-10:30: <u>Glen McHale</u> Electrowetting and Dielectrowetting on Lubricant Impregnated Surfaces	9:00-9:30: IS: <u>Jacco Snoeijer</u> Elasto-Wetting  9:30-9:50: <u>Elfego Ruiz-Gutierrez</u> Driving Liquid Barrels with Electrowetting  9:50-10:10: <u>C.V. Brown</u> Controlling the behavior of bubbles through dielectrowetting  10:10-10:30: <u>Athanasios G. Papathanasiou</u> Mechanisms of wetting transitions of electrowetting on patterned surfaces: effect of surface topography, material wettability and dielectric thickness on reversibility	9:00-9:30: IS: <u>Shih-Kang Fan</u> 3D Heterogeneous Architectures Formation on an Electromicrofluidic Platform  9:30-9:50: <u>Simonetta Grilli</u> Patterning thin liquid layers by electrode-free pyro-electrowetting  9:50-10:10: <u>Ranabir Dey</u> Breath figures under electrowetting  10:10-10:30: <u>Vaibhav Bahadur</u> Electrowettability-based control & enhancement of phase change phenomena: New concepts and applications
10:30-11:00: coffee break	10:30-11:00 coffee break	10:30-11:00: coffee break
<b>11:00-12:30: Optofluidics and displays</b>	<b>11:00-12:30: Biotechnology and Lab on a chip</b>	<b>10:00-12:30: Novel applications III</b>
11:00-11:30 IS: <u>Hans Zappe</u> Forming fluids to focus photons  11:30- 11:50: <u>Hans Feil</u> EWD technology for electronic Changeable Copy Boards  11:50-12:10: <u>Matthias Strauch</u> Creation of aspherical surfaces on a liquid lens  12:10-12:30: <u>Lingling Shui</u> Particle assisted electrowetting driving multiway optical valves	11:00-11:30 IS: <u>Jean-Christophe Baret</u> High-throughput electroactuation of droplets  11:30- 11:50: <u>Jan Swyer</u> On the Connection Between Droplet Velocity and Saturation in Digital Microfluidics  11:50-12:10: <u>Sung Kwon Cho</u> Anti-Biofouling by Integrating SLIPS (Slippery Liquid Infused Porous Surface) with EW and Liquid Dielectrophoresis (L-DEP)  12:10-12:30: <u>Hyejin Moon</u> Reconfigurable Ion Selective Sensor Array Enabled by Digital Microfluidics	11:00-11:30 IS: <u>Alex Henzen</u> Electrowetting displays: 15 years and counting  11:30- 11:50: <u>Chang-Jin "CJ" Kim</u> Cybermanufacturing ecosystem for expanding electrowetting community  11:50-12:10: <u>Tom Krupenkin</u> Energy harvesting using novel microfluidic liquid metal homopolar generator  12:10-12:30: <u>Subhi Bansal</u> Dynamics of oscillations and coalescence of compound droplets by AC electrowetting
12:30-14:00: lunch break	12:30-14:00: lunch break	12:30-14:00: lunch break
<b>14:00-15:30: Novel applications I</b>	<b>14:00-15:30: Electrochemistry and capillarity</b>	<b>14:00-15:30: Surface chemistry and molecular simulations</b>
14:00- 14:30 IS: <u>Burak Eral</u> Electrowetting enhanced MALDI mass spectrometry  14:30-14:50: <u>Di Sun</u> EWOD-Aided Droplet Transport on Texture Ratchets  14:50-15:10: <u>Dongliang Tian</u> External-Field-Induced Wetting for Controllable Liquid Transport  15:10-15:30: <u>Muhammad Subkhi Sadullah</u> Modeling Droplet Dynamics on Liquid Infused Surfaces	14:00- 14:30 IS: <u>Michael Dickey</u> New Electrowetting Phenomena Using Liquid Metal  14:30-14:50: <u>Anne Juel</u> Dynamics of ultra-low voltage electrowetting using graphite surfaces  14:50-15:10: <u>Jitesh Barman</u> Voltage dependent transition of interfacial capacitances on graphite surfaces  15:10-15:30: <u>Sri Ganesh</u> Oscillating Dynamics of a Protean Liquid Meniscus	14:00- 14:30 IS: <u>Alenka Luzar</u> Fundamental Challenges in Molecular Modeling of Electrowetting  14:30-14:50: <u>Yoav Tsori</u> Electroprewetting in pores: filling transition and chemical reaction  14:50-15:10: <u>Nicolas Rivas</u> Solvation effects on electrowetting at the nanoscale  15:10-15:30: <u>Mathieu Maillard</u> Electrowetting as a probe for surface chemistry of materials
15:30-15:50 poster pitches I (odd)  15:50-17:00 Coffee+poster session	15:30-15:50 poster pitches II (even)  15:50-17:00 Coffee+poster session	15:30–16:30: closing discussion  <u>Chang-Jin "CJ" Kim</u> Electrowetting 'Quo vadis?'
	18:00-20:00 conference dinner	