

Monday, August 10: 8:00 – 8:45 Registration

Eindhoven University of Technology – Auditorium (Congress Entrance)

Monday, August 10, morning session-Senate Hall

8:45	Danqing Liu	Opening
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Session 1 Chair: Dick Broer

9:00	Ben Feringa Univ, Groningen	<u>Keynote</u> : Illuminating Motion; from Molecular Switches to Motors
9:40	Wei Hu Nanjing University	Liquid Crystal Microstructures for Multi-degree Optical Field Modulation (Invited)
10:15	Coffee break	
10:50	Atsushi Shishido Inst. Sci. Tech. Tokyo	Functionalization of Liquid Crystals by Scanning Wave Photopolymerization (Invited)
11:25	Svetlana Santer Potsdam Univ	Digital Polarization Optics for Adaptive Azopolymer Surfaces (Invited)
12:00	Lunch	

Monday, August 10, afternoon session-Senate Hall

Session 2 Chair: Emiliano Descrovi

14:00	Carsten Henkel Potsdam Univ.	Understanding Photo-Induced Deformations via Optical Feedback (Invited)
14:35	Wei Feng Un.Sci.Tech.China	Collective Motion of Liquid Crystalline Actuators Invited)
15:10	Coffee break	Posters in Senate Hall
15:50	Paul van der Schoot Eindhoven University of Technology	Dynamics of Helix Inversion in Phototunable Liquid Crystals
16:25	Jiu-an Lv Westlake University	Reconfigurable Microfluidic Platform
17:00	End of 1 st day	

Wednesday, August 12, morning session – Senate Hall

Session 5 Chair: Danqing Liu

9:00	Kristiaan Neyts The Hongkong Univ. of Science &Technology	<u>Keynote</u> : Interference Illumination for Periodic Gratings with Nematic, Blue Phase and Chiral Liquid Crystals
9:40	Stephen Morris Oxford University	Laser Engineered Polymerisable Liquid Crystal Devices for Imaging and Adaptive Optics (Invited)
10:15	Dong Ki Yoon Korea Advanced Institute of Science & Technology	Photoalignment of DNA: Harnessing Liquid Crystalline Order Without Modification (Invited)
10:50	Coffee break	Conference continues in the Blauwe Zaal
11:30	Matthias Alfeld Delft University	Photons for and Against Pigments? - Study and Preservation of Cultural Heritage (Invited)
12:00	Special program	

Tuesday, August 11, morning session-Senate HallI

Session 3 Chair: Paul van der Schoot

9:00	Nelson Tabiryan BEAM Engineering Advanced Measurements Co.	<u>Keynote</u> : Could Liquid Crystal Polymers Help Saving the Planet?
9:40	Marina Saphiannikova Leibniz Insitute of Polymer Research Dresden	Viscoplastic Modeling of Azopolymer Deformation: From Structured Light to Molecular Orientation and Flow (Invited)
10:15	Coffee break	Posters in Senate Hall
10:50	Pasquale Pagliusi University of Calabria	Programming Molecular Alignment in 3D via Two-Photon Lithography (Invited)
11:25	Emiliano Descrovi Politecnico di Torino	Photo-Actuation in Amorphous Matrices Embedding Azopolymer Particles (Invited)
12:00	Lunch	

Tuesday, August 11, afternoon session – Senate Hall

Session 4 Chair: Svetlana Santer

14:00	Seungwoo Lee Korea University	Light-Written Azobenzene Surface-Relief Grating Templates for Plasmonic Resonators and DNA Origami (Invited)
14:35	Bart-Jan Ravoo Universität Münster	Self-Assembly of Photoresponsive Supramolecular Soft Matter (Invited)
15:10	Coffee break	Posters in Senate Hall
15:50	Carlos Sanchez Univ. Zaragoza	Additive Manufacturing of Light-Responsive Liquid Crystal Elastomers: Toward Autonomous Soft Robotic Systems (Invited)
16:25	Tobias Thiele University of Duisburg-Essen	Manipulation of Liquid Crystal Properties by Using Arylazopyrazole Photoswitches
17:30	End of 2nd day	

Thursday, August 13, morning session – Senate Hall

Session 6 Chair: Nelson Tabiryan

9:00	Kohei Goto Nissan Chemical Corporation	<u>Keynote</u> : Recent Progress in Photo-alignment Technology for Liquid Crystal Displays and Beyond
9:40	Soney Vargese National Institute of Technology Calicut, Kozhikode, Kerala, India	Ferroelectric Polymer Composite Alignment Layers for Liquid Crystal Display Applications
10:15	Coffee break	
10:40	Eduardo Soto-Bustamante University of Chile	Electric-Field-Induced-Bulk Polymerization (EFIB-P) of 4-alkyloxyphenyl 4-((6-(methacryloyloxy)hexyl)oxy)benzoate monomers
11:10	Dirk J. Broer Eindhoven University of Technology	Dichroic Photoinitiators: Unlocking a New Dimension in Liquid Crystal Polymer Design
11:40	Closing ceremony	

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12:00	Lunch / end	
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