

MaP Graduate Symposium 2021 – PROGRAM

Monday 14 June 2021

13.00	Opening
13.15	Murielle Schreck , <i>Multifunctional Materials, D-MATL</i> How 3D Printed Polymeric Scaffolds Influence Geometry, Mechanical Stability and Photocatalytic Performance of Nanoparticle-Based Aerogels
	Florin N. Isenrich , <i>Microfluidics & Nanoscale Science, D-CHAB</i> Towards a Golgi on a Chip
	Peter Benedek , <i>Materials & Device Engineering, D-ITET</i> Controlling Li Lithium Ion Battery (de)Intercalation Dynamics Through Interface Design
	Philipp Fisch , <i>Tissue Engineering & Biofabrication, D-HEST</i> Formation of Elastic Cartilage in Bioprinted Auricles
	Ariane Stucki , <i>Bioanalytics Group, D-BSSE</i> Two-Level Compartmentalization for Triggered Reagent Delivery in Double Emulsions
	MaP Mastermind Quiz #1
14.25	<i>Break</i>
MaP Award 2021	
14.35	Dr. Chiao-Peng Hsu , <i>Soft Materials & Interfaces, D-MATL</i> Tribological Insights into Shear Thickening Suspensions
	Dr. Philippe Grönquist , <i>Wood Materials Science, D-BAUG</i> Smart Manufacturing of Curved Mass Timber Components by Self-Shaping
	Dr. Tino Matter , <i>Nanoparticle Systems Engineering, D-MAVT</i> Uniting Bioactivities in Hybrid Nanosystems for Wound Healing
15.45	Poster Session
16.45	<i>Break</i>
16.55	Award Ceremony Industry Poster Awards, MaP Award
17.10	Closing & Social Gathering
17.30	End of Symposium Day 1

Tuesday 15 June 2021

13.00	Opening
13.05	Johannes Weichart , <i>Micro & Nanosystems, D-MAVT</i> Tactile Sensing With Scalable Capacitive Sensor Networks on Flexible Substrates
	Maximilian E. Merkel , <i>Materials Theory, D-MATL</i> Understanding Strongly Correlated Materials for the Electronics of the Future
	Sophie Marie Koch , <i>Wood Materials Science, D-BAUG</i> Wood-Templated Cellulose-Gelatine Composites for Biomedical Applications
	Ihor Cherniukh , <i>Functional Inorganic Materials, D-CHAB</i> Perovskite-Type Nanocrystal Superlattices From Lead Halide Perovskite Nanocubes
	Andrea Testa , <i>Soft & Living Materials, D-MATL</i> Biomimetic Active Droplets via Enzymatically Driven Reactions
	MaP Mastermind Quiz #2
14.15	Flash Poster Presentations
14.30	<i>Break</i>
14.40	Zhiyuan Zhang , <i>Acoustic Robotics & Systems, D-MAVT</i> Microswarms Rolling in Acoustic Virtual Walls
	Fabio L. Bargardi , <i>Complex Materials, D-MATL</i> Driving Towards Sustainable Mobility: Manufacturing of Integrated Li-Ion Electrodes
	Alessia Villois , <i>Microfluidics & Nanoscale Science, D-CHAB</i> A Temperature-Controlled Droplet-Based Microfluidic Reactor for Kinetics of Protein Unfolding
	Christopher Dreimol , <i>Wood Materials Science, D-BAUG</i> Laser-Induced Graphitization on Temperature Sensitive Substrates
	Alba Slicher , <i>Soft & Living Materials, D-MATL</i> Structural Color From Solid-State Polymerization-Induced Phase Separation
	MaP Mastermind Quiz #3
15.50	Thematic Group Discussions
16.30	<i>Break</i>
16.40	Award Ceremony Art of Science Contest, MaP Image Contest, MaP Poster Prize, People's Choice Poster Prize, MaP Mastermind 2021
17.00	Closing
17.10	End of Symposium Day 2