

HEiKA Day 2021

Wednesday, 28. July 2021, 4:00 – 9:00 pm

Marsilius-Arkaden, Im Neuenheimer Feld 130.1, 69120 Heidelberg

4:00-4:05 pm	Welcome & short introduction
4:05-5:45 pm	<u>Presentations of HEiKA projects funded in 2021 (5 minutes presentation + 2-3 questions)</u>
4:05 pm	(PAC) Anja Butter / Gudrun Heinrich: <i>“Machine Learning in LHC Theory”</i>
4:15 pm	(PAC) Ulrich Uwer / Richard Leys: <i>“Development of HV-MAPS pixel sensors for a large area tracking detector”</i>
4:25 pm	(FM) Tobias Schaub / Frieder Scheiba <i>„Benzoin Condensation: Reviving an Old Reaction for New Anode Materials in Organic Batteries“</i>
4:35 pm	(AIP-FM-SB) Motomu Tanaka / Vlad Badilita <i>„On-Chip Fabrication of 3D Bio-Polymer μ-Arrays for Correlative “Cell Clinic”“</i>
4:45 pm:	(SB) Adela-Eugenie Vrsanova, Jeroen Krijgsveld / Pavel Levkin <i>„Combining Droplet Microarrays and Mass Spectrometry for Single-Cell Proteomics“</i>
4:55 pm	(SB) Lucas Schirmer / Veronique Orian-Rousseau <i>„Decoding astroglial CD44 function in neuroinflammation“</i>
5:05 pm	(MTH) Ramin Khoramnia / Simon Hoffmann, Werner Nahm <i>„Towards personalized therapy in retinal diseases – Development and evaluation of therapeutic performance parameters from OCT-Angiography images“</i>
5:15 pm	(MTH) Lizeth Slood / Thorsten Stein <i>„Keep moving: unraveling the effects of rollator assistance on movement in older adults using a robotic rollator simulator“</i>
5:25 pm	(HEiKAexplore) Dennis Nurjadi / Frank Breitling <i>„Robots and sensors for disease diagnostics & therapy“</i>
5:35 pm:	(HEiKAexplore) Stefan Geibel / Albert Albers: <i>“Autonomes Fahren in Recht, Technik und Gesellschaft – Von der Vision zur Realisierung”</i>
5:45-6:00 pm	Discussion, Questions
6:00 pm	HEiKA Summer Party – in the courtyard of Marsilius Kolleg