



4th Symposium on Hybrid Inorganic/Organic Systems for Opto-Electronics 2022

October 06th – 07th, 2022; Berlin-Adlershof



Thursday, October 06th	
09:00 – 09:55	Registration
09:55 – 10:00	Welcome
10:00 – 10:30	Ralph Ernstorfer , FHI Berlin <i>Momentum-resolved view on singlet fission and exciton dynamics in molecular crystals and heterostructures</i>
10:30 – 11:00	Seth Marder , U Colorado Boulder <i>Interface Chemistry for Hybrid Organic Inorganic Electronics and Opto-electronics</i>
11:00 – 11:30	Coffee Break
11:30 – 12:00	Andreas Knorr , TU Berlin <i>Excitation Transfer in Functionalized Atomically Thin Materials</i>
12:00 – 12:30	Goki Eda , NUS <i>Quantum engineering of 2D semiconductors</i>
12:30 – 15:00	Lunch & Poster Session
15:00 – 15:30	Claudia Draxl , HU Berlin <i>Opto-electronic excitations in TMDC-based systems explored by many-body theory</i>
15:30 – 16:00	Mariana Rossi , MPSD Hamburg <i>Understanding Defects and Molecular Adsorbates on Monolayer TMDC</i>
16:00 – 16:30	Katharina Franke , FU Berlin <i>Anchoring molecular adsorbates to S defects on monolayers of MoS₂ on Au(111)</i>
16:30 – 17:00	Coffee Break
17:00 – 17:30	Kurt Busch , HU Berlin <i>Modelling resonator-based active nano-photonic functional elements</i>
17:30 – 18:00	Emil List-Kratochvil , HU Berlin <i>Electronic and Photonic Neuromorphic Device Concepts Based on HIOS</i>

Friday, October 07th	
10:00 – 10:30	Cinzia Casiraghi , U Manchester <i>Water based 2D material inks: from printed electronics to biomedical applications</i>
10:30 – 11:00	Dieter Neher , U Potsdam <i>Charge transfer across the hybrid TMDC/organic interface</i>
11:00 – 11:30	Coffee Break
11:30 – 12:00	Kirill Bolotin , FU Berlin <i>Generating and exploring ultrastrong electric field via molecular gating</i>
12:00 – 12:30	Benjamin Schwartz , UCLA <i>Understanding and controlling the mobility of carriers in chemically-doped semiconducting polymers</i>
12:30 – 13:00	Oliver Benson , HU Berlin <i>Chiral coupling in hybrid plasmonic nanostructures</i>
Closing	

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