



2nd Symposium on
Hybrid Inorganic/Organic System for Opto-Electronics 2018
 September 27-28, 2018; Berlin Adlershof



September 27 th (Thursday)	
09.00	Registration at Department of Physics (Foyer)
09.55	Welcome
10.00	Eva Unger , Helmholtz-Zentrum Berlin <i>Dynamic phenomena in mixed cation/anion metal halide perovskites</i>
10.30	Marcus Halik , FAU Erlangen-Nürnberg <i>HIOS – Recent research and applications in electronics, medicine, and environmental science</i>
11.00	Coffee Break
11.30	Stefan Hecht , HU Berlin <i>Photoswitchable molecules for hybrid inorganic/organic systems</i>
12.00	Klaus Meerholz , U Köln <i>Organic memories featuring multi-bit storage</i>
12.30	Lunch and Poster Session
15.00	Karl Leo , TU Dresden <i>High-performance organic electronic and opto-electronic devices</i>
15.30	Xinran Wang , U Nanjing <i>Exploring organic semiconductors at the two-dimensional limit</i>
16.00	Coffee Break
16.30	Frank Koppens , ICFO Barcelona <i>Quantum nano-devices and polaritonics based on heterostructures of 2D materials</i>
17.00	Isabelle Staude , U Jena <i>Light-emitting metasurfaces</i>
17.30	Roie Yerushalmi , U Jerusalem <i>Self-Formed nanogap junctions for electronic detection and plasmonic-enhanced near-infrared detectors using nano-floret hybrid structures</i>
18.30	Symposium Dinner at Forum Adlershof

September 28 th (Friday)	
09:00	Ulf Peschel , U Jena <i>Modeling lasing in semiconductor nanowires</i>
09.30	Andreas Knorr , TU Berlin <i>Theory of excitation transfer between semiconductor and molecular layers</i>
10.00	Caterina Cocchi , HU Berlin <i>Laser-induced transient absorption spectroscopy from first principles</i>
10.30	Coffee Break
11.00	Stephen Forrest , U Michigan <i>Excitons and exciton confinement in organic heterojunctions</i>
11.30	Emil List-Kratochvil , HU Berlin <i>Optical switching of HIOS and according optoelectronic and neuromorphic device applications</i>
12.00	Lunch
13.00	Michael Rohlfing , U Münster <i>Electronic spectra of layered materials and monolayer adsorbates</i>
13.30	Mariana Rossi , FHI <i>Critical interplay of atomic structure and level alignment in organic/inorganic interfaces</i>
14.00	Coffee Break
14.30	Dieter Neher , U Potsdam <i>Charge recombination at hybrid interfaces in optoelectronic devices</i>
15.00	Oliver Benson , HU Berlin <i>Coupling of quantum excitations and plasmonic modes: From strong coupling to quantum non-linear devices</i>
15.30	Closing