

Monday, September 30

- 12:00 – 13:30 REGISTRATION – MUSEUM FOYER
- 13:30 – 13:45 OPENING REMARKS – ALL LECTURES TAKE PLACE IN THE FESTSAAL (FIRST FLOOR)
Tim Clark
- 13:45 – 14:30 PLENARY 1 (CHAIR: TIM CLARK)
Robert Schlögl
No sustainable energy system without chemical energy conversion
- 14:30 – 14:55 **Patrick Beer**
Tracing single electrons in a disordered polymer host with a single probe molecule
- 14:55 – 15:25 COFFEE BREAK – KONFERENZRAUM I (FIRST FLOOR)
- 15:25 – 15:55 **David Egger** (CHAIR: WOLFGANG BRÜTTING)
A dynamic view on energy materials: the case of halide perovskites
- 15:55 – 16:20 **Norbert Jux**
Porphyrins and PAHs
- 16:20 – 16:45 **Harald Oberhofer**
How does Structure Influence Carrier Mobility in Organic Semiconductors?
- 16:45 – 18:00 POSTER SESSION I (ODD NUMBERS) – KONFERENZRAUM III (GROUND FLOOR)
- 17:00 – 18:00 and 18:00 – 19:00 GUIDED MUSEUM TOURS
- 18:00 WELCOME RECEPTION – KONFERENZRAUM III (GROUND FLOOR)

Tuesday, October 1

- 09:00 – 09:45 PLENARY 2 (CHAIR: KARSTEN REUTER)
Thomas Heine
Computational design of two-dimensional photo- and electrocatalysts
- 09:45 – 10:15 **Thomas Weitz**
Towards nanoscale organic solar cells with controlled morphology
- 10:15 – 10:40 **Philipp Rieder**
Energetic Trap Landscape in Perovskite Solar Cells
- 10:40 – 11:10 COFFEE BREAK – KONFERENZRAUM I (FIRST FLOOR)
- 11:10 – 11:35 **Volker Körstgens** (CHAIR: MUKUNDAN THELAKKAT)
Steps of device fabrication: in situ morphology investigations of hybrid solar cells with grazing incidence x-ray scattering techniques
- 11:35 – 12:00 **Daniel Böhm**
Fabrication of porous nanostructures as support for oxygen evolution reaction catalysts with low noble metal loading
- 12:00 – 12:25 **Gert Krauss**
Novel Route towards Doped Poly(diketopyrrolopyrrole) Copolymers
- 12:25 – 12:50 **Franziska Gröhn**
Photocatalytic Activity and Light-Tunable Structure of Supramolecular Nano-Assemblies in Solution
- 12:50 – 14:00 LUNCH – KONFERENZRAUM I (FIRST FLOOR)

14:00 – 14:45	PLENARY 3 (CHAIR: FRANK WÜRTHNER) Soo Young Park <i>Designing molecular materials for solar energy conversion</i>
14:45 – 15:15	Dirk Guldi <i>Towards breaking the barrier to 100% charge transfer</i>
15:15 – 15:40	Simone Strohmer <i>Spin related carrier dynamics in CsPbI₃ nanocrystals</i>
15:40 – 16:05	David Mims <i>Magnetic Field Effects in Rigidly Linked D-A Dyads: Extreme On-Resonance Quantum Coherence Effect on the Charge Recombination</i>
16:05 – 18:00	COFFEE BREAK – KONFERENZRAUM I (FIRST FLOOR) POSTER SESSION II (EVEN NUMBERS) – KONFERENZRAUM III (GROUND FLOOR)
18:30	ALTERNATIVE EVENT: BUS TRANSPORT TO ENTLA'S KELLER, ERLANGEN
19:00	CONFERENCE DINNER (FAHRZEUGHALLE II)

Wednesday, October 2

09:00 – 09:45	PLENARY 4 (CHAIR: THOMAS BEIN) Anna Fontcuberta i Morral <i>Semiconductor nanowires for next generation PV: challenges and sustainability issues</i>
09:45 – 10:15	Pavel Maly <i>Anomalous exciton diffusion in polymers of varying length, observed by EEI2D spectroscopy</i>
10:15 – 10:40	Fabian Panzer <i>A Solvent free Route for Halide Perovskite Film Processing Based on Pressure Treatment of Perovskite Powders</i>
10:40 – 11:10	COFFEE BREAK – KONFERENZRAUM I (FIRST FLOOR)
11:10 – 11:40	Wolfgang Brütting (CHAIR: CHRISTOPH LAMBERT) <i>Organic semiconductors and hybrid materials for optoelectronics</i>
11:40 – 12:05	Felix Deschler <i>Ultrafast spectroscopy of charge and structural dynamics in hybrid perovskites</i>
12:05 – 12:30	Wolfgang Tress <i>Bismuth Impurities and Negative Capacitance in Lead-Halide Perovskite Solar Cells</i>
12:30 – 14:00	LUNCH – KONFERENZRAUM I (FIRST FLOOR)
14:00 – 14:30	Stefan Kümmel (CHAIR: LINN LEPPERT) <i>Multimetallic nanoparticles in catalysis: electronic structure insights and challenges</i>
14:30 – 14:55	Kazutaka Shoyama <i>A New Synthetic Approach towards Planar and Bowl-Shaped Polycyclic Aromatic Dicarboximides</i>
14:55 – 15:20	Tim Clark <i>Simulation of large photo- and electroactive systems</i>
15:20 – 16:00	COFFEE BREAK – KONFERENZRAUM I (FIRST FLOOR)
16:00 – 16:45	PLENARY 5 (CHAIR: DIRK GULDI) Shigehiro Yamaguchi <i>Main-Group Approach toward Functional π-Electron Materials</i>
16:45 – 17:00	CLOSING REMARKS Dirk Guldi
17:00	CONFERENCE END