

Posters I

Enrique Arevalo Rodriguez	Using scattering microscopy to characterize semiconductor materials
Maximilian Black	Long-range self-hybridized exciton polaritons in two-dimensional Ruddlesden-Popper perovskites
Amalia Coro	Exploring Low Dimensionality in Perovskite Materials
Antonella Cutrupi	Visualizing the energy transport of Perovskite Quantum-Dot Networks
Upasana Das	Enhanced Wide-Field Transient Photoluminescence Microscopy Using Fast-Gated ICCD for Carrier Transport Studies
Riya Dutta	Enhancement of Photoresponsivity and Broadband Detection Enabled by Upconverted CdSe Quantum Dot-Decorated Nanoporous MoS₂.
Katharina Gerber	Time-resolved photocurrent spectroscopy on gold nanorods
Maximilian Grimmer	Boosting the magnetic response of a composite nanostructure in the optical region with a Fano resonance
Yan Yan Grisan Qiu	Ligand-Induced Structural Modulation on Nickel Redox States in 2D Metal-Organic Frameworks
Olga Guselnikova	Wet synthesis of 3D confined materials for plasmonic sensing and catalysis
Fagui He	Template Mediated Formation of Colloidal 2D SnTe Nanosheets and the Role of the Ligands

Posters I

Carlo Höhmann

Simulation of Charge-Carrier Transport in Cadmium Sulfide Nanowires

Girish
Kakkepalya Hanumantharaju

Ligand-dependant charge carrier dynamics in perovskite nanocrystal LEDs with polar electron transport layer

Adnan Kareem

Fabrication and Characterization of Iron Titanate Thin Films as a Potential Tunnel Barrier for Magnetic Tunnel Junction (MTJ's)

Gyulnara Khachartryan

Tailoring Quantum States in Coupled Cylindrical Quantum Dots through STIRAP

Gor Kharatyan

Exciton binding energy and interband absorption in a cylindrical quantum dot GaN/In_xGa_{1-x}N