

Poster Session

18.11.2020 (Wed.), 01:00-02:30 pm

Nr.	Presenter	Title
1	Alberto Eljarrat	Studying SPR mode dispersion and temporal coherence in dye-embedded silica-covered Ag-NWs
2	Dmitrii Maksimov	Ab initio structure search of (flexible) molecules at interfaces
3	Dragos Mutruc	Modulating Guest Uptake in Core-Shell MOFs with Visible Light
4	Hu Lin	Reversible Switching of Charge Transfer at the Graphene-Mica Interface with Intercalating Molecules
5	Ignazio Gonzales	Electron-phonon coupling in hybrid inorganic/organic systems: implementation within the LAPW formalism
6	Kristin Klaue	Donor-Acceptor Dihydropyrenes Switchable with Near Infrared Light
7	Manuel Katzer	Charge and Energy Transfer in Bilayer TMDCs and Hybrid Molecule-TMDC Structures
8	Marcel Schloz	Overcoming information reduced data and experimentally uncertain parameters in ptychography with regularized optimization
9	Martin Rothe/ Yuhang Zhao	Local-chirality sensors for HIOS from self-assembled plasmonic nano-antenna-waveguide structures
10	Matheus Jacobs	Ultrafast charge transfer and vibronic coupling in donor/acceptor interfaces from first principles
11	Meysam Raoufi	Probing the charge carrier dynamics in hybrid layer stacks comprising a TMDC monolayer and an organic semiconductor
12	Nicolas Zorn Morales	Switching impact of photochromic diarylethenes as self-assembled monolayers in organic light emitting diodes
13	Pauline Liesfeld	Highly Cooperative Photoswitching in Dihydropyrene Dimers
14	Raymond Amador	Electronic and optical properties of Na ₂ KSb and NaK ₂ Sb from ab initio many-body theory
15	Richard Schier	Electronic and optical properties of BCF-doped oligothiophenes from ab initio many-body theory
16	Rika Simon	Structural and electronic properties of F6-TCNQ on monolayers of MoS ₂ investigated by STM/AFM
17	Ronaldo Pela	All-electron real-time TDDFT implementation with Ehrenfest molecular dynamics
18	Seon-Young Rhim	Waveguide mode modulation with photochromic molecules for neuromorphic computing
19	Stefano Calati	Dynamic Screening of Quasiparticles in WS ₂ Monolayers
20	Victoria Taylor	Ultrafast spectroscopy and ultrafast electron diffraction studies of perovskites