

Virtual Oberjoch Meeting 2021

09.03.2021

OMBD I session

Name	Comment	Time	Min	Title	Chair
A. Gerlach		11:00	30	Pentacene/Perfluoropentacene Bilayers on Au(111) and Cu(111)	A. Gerlach
M. Zwadlo		11:30	30	Unit cell and structure calculations on phenacene thin films and potassium deposition	
B. Reisz	rehearsel	12:00	30	Structure Formation during Organic Molecular Beam Deposition	
		lunchbreak			
F. Unger		14:00	30	Impact of Vibronic Coupling on the Singlet Fission in Pentacene	G. Duva
S. Haug		14:30	20	Temperature-Dependent Absorption Spectroscopy on Pentacene Quaterphenyle/Terphenyle Blends	
		break			
I. Dax		15:00	30	X-Ray Photon Correlation Spectroscopy in Grazing Incident Geometry for Pentacene	J. Hagenlocher
A. Pylypenko		15:30	20	UHV-Technique	
F. Schreiber		15:50			

10.03.2021

OMBD II session

Name	Comment	Time	Min	Title	Chair
A. Hinderhofer		11:00	10	Introduction	A. Hinderhofer
N. Rußegger		11:10	30	Molecular Charge Transfer Effects in Perylene Diimide Acceptor and DIP/DNTT Donor Binary Systems	
J. Hagenlocher		11:40	30	Thickness dependent energy level alignment in a [6]Phenacene/PFP heterostructure	
		lunchbreak			
C. Wang		14:00	30	Growth and Structure of Anthradithiophene and its Derivative Thin Films	F. Unger
J. Hausch		14:30	30	Excimeric Emission of Anthradithiophene in Photoluminescence Experiments	
		break			
G. Duva		15:10	30	Deposition of Molecular Monolayers on Hydrogen-Capped Silicon Surfaces	M. Zwadlo
Ch. Theurer		15:40	30	Coupled Organic-Inorganic Nanostructures: Impact of Ligands on Structure and Photophysics	
F. Schreiber		16:10			

Virtual Oberjoch Meeting 2021

11.03.2021

Perovskites and ML session

Name	Comment	Time	Min	Title	Chair
A. Hinderhofer		11:00	20	Introduction	A. Hinderhofer
L. Merten		11:20	30	Structural Diversity of 2D perovskites	
N. Scheffczyk		11:50	20	Optimization of a spin coater for in-situ GIWAXS experiments	
		break			
E. Kneschaurek		14:00	30	Perovskite crystallization studied by real-time X-ray scattering	L. Merten
V. Munteanu		14:30	30	Machine Learning Approaches for GIWAXS Data Analysis	
		lunchbreak			
V. Starostin		15:10	30		A. Gerlach
A. Pleli		15:40	20	Pre-processing of X-ray scattering data for feature detection via artificial neural networks	
A. Greco		16:00	30	Neural Network Analysis of Neutron and X-Ray Reflectivity Data: Pathological Cases, Performance and f	
F. Schreiber		16:30			