

Wednesday, 21 July 2021

Welcome and Introduction: Kerstin Volz					
Interfaces with C-based materials Chair:					
13.20 – 13.40	A4		Reactivity, energetics and structure of buried organic/metal interfaces	Physical Chemistry	Gottfried, Michael FB Chemie, Marburg
13.40 – 14.00	A6		Unified density functional description of bonding and interactions at inorganic/organic interfaces	Theoretical Chemistry	Tonner, Ralf FB Chemie, Leipzig
14.00 – 14.20	A3		Organic heterolayer interfaces: structure and vibrational excitations	Experimental Physics	Jakob, Peter FB Physik, Marburg
BREAK					
Semiconductor and Inorganic Interfaces Chair:					
14.50 – 15.10	A8		Organic molecular building blocks for the synthesis of internal interfaces	Organic Chemistry	Koert, Ulrich FB Chemie, Marburg Dürr, Michael Inst. Angew. Physik, JLU Giessen
15.10 – 15.30	B13	(N)	Inorganic, interface-dominated semiconductor heterostructures for device concepts	Experimental Physics	Chatterjee, Sangam Giessen Volz, Kerstin Marburg
15.30 – 15.50	B12	(N)	Type-II based THz emitters	Experimental Physics	Koch, Martin FB Physik, Marburg
15.50 – 16.10	A5		Atomically resolved structure of solid/solid interfaces	Experimental Physics	Volz, Kerstin FB Physik & WZMW, Marburg
16.10 – 16.30	B5		Time-resolved nonlinear optical spectroscopy at semiconductor interfaces	Experimental Physics	Mette, Gerson FB Physik, Marburg
BREAK					
Interfaces with 2D materials I Chair:					
17.00 – 17.20	A15	(N)	Ionic 2D Materials for Designable Organic-Inorganic Interfaces	Inorganic Chemistry	Heine, Johanna FB Chemie, Marburg
17.20 – 17.40	A14	(N)	Metal organic vapour phase deposition of 2D heterostructures	Experimental Physics	Volz, Kerstin FB Physik & WZMW, Marburg
17.40 – 18.00	A2		Inorganic/organic and organic/organic interfaces: structure and charge transport	Experimental Physics	Witte, Gregor FB Physik, Marburg
Get-Together					

Thursday, 22 July 2021

Interfaces with 2D materials II					
Chair:					
9.00 – 9.20	B6		Time-resolved two-photon photo-emission studies of interface electron and exciton dynamics	Experimental Physics	Höfer, Ulrich Wallauer, Robert FB Physik, Marburg
9.20 – 9.50	B10	(N)	Dynamics of charge-transfer excitons at organic/organic and hybrid organic/inorganic interfaces	Experimental Physics	Gerhard, Marina FB Physik, Marburg
9.50 – 10.10	A13		Theory of electronic interface states in weakly bound heterostructures	Theoretical Physics	Rohlfing, Michael Institut für Festkörpertheorie, WWU Münster
10.10 – 10.40	B9	(N)	Light-matter interaction at interfaces of quantum materials	Theoretical Physics	Malic, Ermin FB Physik, Marburg
BREAK					
11.00 – 11.30	A16	(N)	Synthetic interface chemistry	Organic Chemistry	Gottfried, Michael Koert, Ulrich FB Chemie, Marburg
11.30 – 12.00	A12		Structure and phonons of hetero-epitaxial stacks of weakly interacting 2D materials and molecular layers	Experimental Physics	Tautz, F. Stefan Kumpf, Christian Peter Grünberg Institut, FZ Jülich
BREAK					
Currents along and across interfaces					
Chair:					
13.00 – 13.20	B2		Ultrafast spectroscopy and control of excitations across internal interfaces	Experimental Physics	Chatterjee, Sangam I. Physikalisches Inst., JLU Giessen
13.20 – 13.50	B11	(N)	Ultrafast dynamics of interface currents	Experimental Physics	Höfer, Ulrich Güdde, Jens FB Physik, Marburg
BREAK					
14.30 – 16.30			POSTER Session		
16.30			Election of a students representative		