

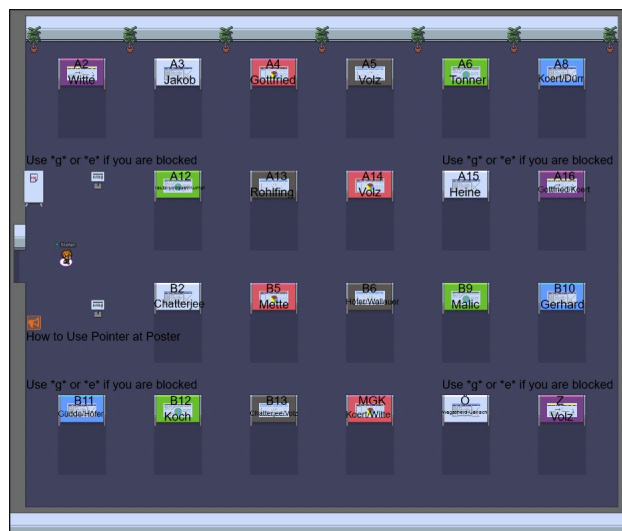
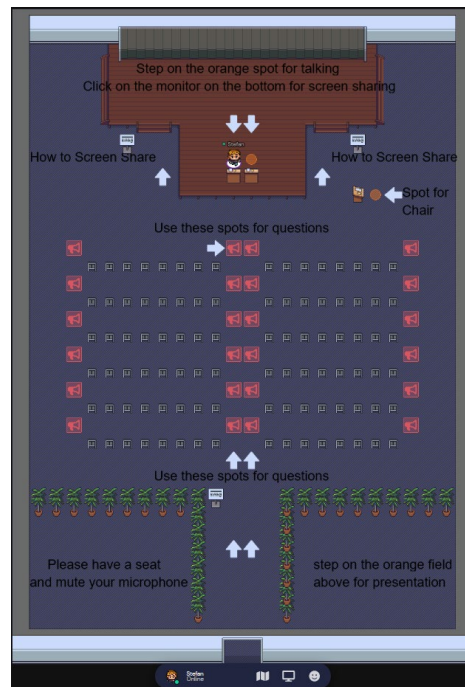
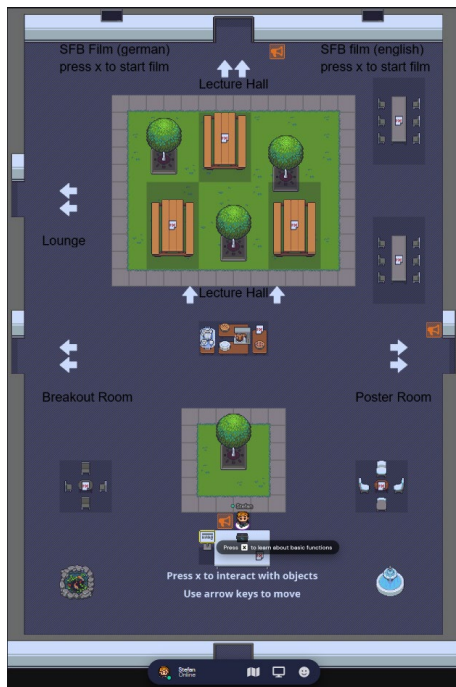
SFB 1083 Kickoff Meeting

Funding Period 07/2021 to 06/2025

Wednesday, 21.07.2021 and Thursday, 22.07.2021

Gather Town

<https://gather.town/invite?token=SCNoPIts>



Wednesday, 21 July 2021

13.00 Welcome and Introduction: Kerstin Volz				
Interfaces with C-based materials Chair: Michael Dürr				
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: Sangam Chatterjee				
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	Inorganic, interface-dominated semiconductor heterostructures for device concepts	Experimental Physics	Hepp, Thilo FB Physik & WZMW, Marburg
15.30 – 15.50	B12	Type-II based THz emitters	Experimental Physics	Hernández-Cardoso, Goretti FB Physik, Marburg
15.50 – 16.10	A5	Atomically resolved structure of solid/solid interfaces	Experimental Physics	Beyer, Andreas FB Physik & WZMW, Marburg
16.10 – 16.30	B5	Time-resolved nonlinear optical spectroscopy at van der Waals interfaces	Experimental Physics	Mette, Gerson Axt, Marleen FB Physik, Marburg
BREAK				
Interfaces with 2D materials I Chair: Michael Gottfried				
17.00 – 17.20	A15	Ionic 2D Materials for Designable Organic-Inorganic Interfaces	Inorganic Chemistry	Heine, Johanna FB Chemie, Marburg
17.20 – 17.40	A14	Metal organic vapour phase deposition of 2D heterostructures	Experimental Physics	Volz, Kerstin FB Physik & WZMW, Marburg
17.40 – 18.00	A2	Hybrid-Systems of Organic and 2D Materials: Interface Structure and Film Formation	Experimental Physics	Witte, Gregor FB Physik, Marburg
Get-Together				

Thursday, 22 July 2021

Interfaces with 2D materials II				
Chair: Gregor Witte				
9.00 – 9.20	B6	Time-resolved two-photon photoemission studies of interface electron and exciton dynamics	Experimental Physics	Wallauer, Robert FB Physik, Marburg
9.20 – 9.50	B10	Photoluminescence dynamics of interfacial excitons of organic and hybrid systems: Introducing the toolkit	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	Light-matter interaction at interfaces of quantum materials	Theoretical Physics	Malic, Ermin FB Physik, Marburg
BREAK				
11.00 – 11.30	A16	Synthetic interface chemistry	Organic Chemistry	Gottfried, Michael Koert, Ulrich FB Chemie, Marburg
11.30 – 11.50	A12	Stacking of Weakly Interacting 2D Materials: Twisting the Interfaces Graphene-Graphene and Graphene-Nanographene	Experimental Physics	Hutter, Mark Peter Grünberg Institut, FZ Jülich
Currents along and across interfaces				
Chair: Ermin Malic				
11.50 – 12.10	B2	Ultrafast spectroscopy and control of excitations across internal interfaces	Experimental Physics	Chatterjee, Sangam I. Physikalisches Inst., JLU Giessen
12.10 – 12.40	B11	Ultrafast dynamics of interface currents	Experimental Physics	Güdde, Jens FB Physik, Marburg
BREAK				
13.30 – 15.30		POSTER Session		
15.30		Election of a student`s representative		