NanoNet+ Workshop 2025 - Schöneck

Agenda

Place: Jugendherberge Schöneck, Am Stadtpark 52, 08261 Schöneck, Tel.037464 - 8106
Web-site: www.hzdr.de/NanoNet-Workshop2025
Updated: 08.09.2025 (PZ)

Wednesday, 10 September 2025

Start	Who	Durat.	Title	Notes
from 11:00			Individual Arrival	
12:00			**Lunch**	
13:00	Erbe, A.	10	Welcome address	Chair: Erbe
13:10	Roudini, M.	20+5	Surface Acoustic Wave-Induced Aerosol Printing for Nanomaterial Deposition	
13:35	Gray, M.	20+5	Oxidation-driven spontaneous formation of internal p-and n-junctions in insynthetically derived 2D layered SnSe flakes	
14:00	**Kusch, P.**	40+10	**Imaging Propagating Surface Exciton-Polaritons in Ångstrom Thin WS_2 in Real Space**	
14:55		5	Group Photo	place tba.
15:00		90	**Coffee + Poster Session**	9 Posters
16:45		90	**Walking Tour -** start in front of hostel, ca. 2 miles	
18:30			**Dinner - BBQ**	

Thursday, 11 September 2025

07:30			**Start breakfast**	
09:00	Ghosh, S.	20+5	Polarity-Controlled Junctionless Nanowire Transistors for Advanced Sensing Applications	Chair: Kusch
09:25	**Bolotin, K.**	40+10	**Ultrastrong electric fields in 2D materials**	
10:20		30	**Break**	
11:00	Fejzaj, D.	20+5	Exfoliated MoS2-based resistive switching devices for artificial synapses	Chair: Lambeva
11:25	Jäger, O.	20+5	Mesoscopic electrical transport in top-down defined 4H-SiC	
11:50	Strobel, C.	20+5	Improved graphene based hot-electron transistor with an optimized emitter-base structure	
12:15			**Lunch**	
13:15	**Schlicke, H.**	40+10	**Mind the Gap: Tunable and Functional Interfaces between Nanomaterials**	Chair: Kielar
14:05	Garrity, O.	20+5	Interlayer Exciton–Phonon Coupling in MoSe2/WSe2 Heterostructures: a resonant Raman study	
14:45		25	**Break**	
15:15			**Transport** - start in front of hostel, walk few meters, Bus 15:30 sharp !!	
16:00		120	***Markneukirchen Violine Workshop*** **- 1D and 2D resonators**	
18:30			**Dinner**	
20:30			**Dwarf hamster on Elm Street (M. Gray) / Brain Storming**	

Friday, 12 September 2025

07:00			**Breakfast and empty the rooms until 9:00 - no exceptions**	
09:00	Chennur, M.	20+5	Defect-Driven Electrical Modulation of 2D materials by Helium ion irradiation	Chair: Krstic
09:25	Kreßler, M.	20+5	KPFM on 2D materials and molecular 2D TMDC heterostructures	
09:50	**Carroll, D.**	40+10	**Engineering 2D Systems for Strong Entanglement: A New Type of Topological Qubit**	
10:40		30	**Break**	
11:10	**Krstic, V.**	40+10	**Towards new quantized states in graphene by deliberate tailoring**	Chair: Caroll
12:00	Krause, M.	30+10	Raman spectra of 2D and 3D forms of transition metal dichalcogenides: Basics	
12:40	Erbe, A.	10	Prize Ceremony / Closing Words	
13:00			**Lunch**	
14:00			**Departure**: Individually	

Rooms won't be available at arrival on Wednesday, but around 3 pm.