NanoNet+ Workshop 2026 - Schöneck

Agenda

Place: Jugendherberge Schöneck, Am Stadtpark 52, 08261 Schöneck, Tel.037464 - 8106
Web-site: www.hzdr.de/NanoNet-Workshop2026
Updated: 14.09.2026 (PZ)

Wednesday, 16 September 2026

Start	Who	Durat.	Title	Notes
from 11:00			Individual Arrival	
12:00			**Lunch**	
13:00	Erbe, A.	10	Welcome address	Chair: Erbe
13:10	Attenberger, S.	20+5	Raman response of monolayer graphene upon varying TCNE adsorption	
13:35	Chennur, M.	15+5	Electrical Impact of He^+-Induced Defects in hBN-Encapsulated Transistors	
13:55	Nematian, N.	15+5	Laser- and polarisation-dependent Raman study of single crystal and monolayer WSe_2	
14:15	**Venanzi, T.**	35+10	**Ultrafast terahertz manipulation of exciton complexes in 2D semiconductors**	
15:00		5	Group Photo	place tba.
15:05		25	**Coffee**	
15:30	**Carroll, D.**	35+10	**Qubit Architectures Based on Two-Dimensional Topological Insulators (TI-qubits)**	Chair: Krstic
16:15	Gray, M.	20+5	Quantum geometry in industry-grade semiconductors:	
16:35	Sahu, S.	20+5	Nonreciprocal magnetotransport phenomena in 4H-SiC nanoribbons and Visualizing CrSBr Anisotropy with Kelvin-Probe Force Microscopy	
17:10	**Wosko, M.**	35+10	**Perspectives and limitations of growing Sc-alloyed group-III nitride layers by MOVPE**	
18:00		60	**Walking Tour -** start in front of hostel, ca. 2 miles	
19:00			**Finger Food + Poster Session**	19 Posters

Thursday, 17 September 2026

07:30			**Start breakfast**	
09:00	Dimakis, M.	20+5	Semiconductor nanowires: a flexible platform for quantum heterostructures	Chair: Echresh
09:25	**Amato, M.**	35+10	**Crystal phase engineering of hexagonal-diamond group-IV nanowires: optical absorption and doping properties**	
10:15		30	**Break**	
10:50		90	**Collaboration** - 4 Parallel sessions a 90 mins.	Chair: Erbe
10:50	Puddu, A.	20+5	**NanoFabrication** - impulse talk *Scalable Quantum Photonics: Electrically Driven Single-Photon Sources at Telecommunication Wavelengths*	Chair: Fowley
10:50	Kielar, C.	20+5	**DNA Origami** - *Introduction* : From DNA Nano-Surfaces to DNA machines	Chair: Kielar
10:50	Kalliapan P., A.	20+5	**Low-temperature Measurements**: impulse talk *Study of Electronic Properties of Nano-Scaled Topological Insulators*	Chair: Krstic
12:30		80	**Lunch + Discussion + Relaxing**	
14:00		10	**Transport** - start in front of hostel, walk to train station 'Schöneck Ferienpark'	
14:23		20	Train departure to Klingenthal (RE 20819) - sharp !!	
14:45		10	Bus departure from Klingenthal Bahnhof to Vogtland Arena	
15:00		90	***VogtlandArena - Ski Jumping Hill*** *- Guided Tour*	
16:30		20	Bus Departure from Vogtland-Arena (Herolds Reisen)	
17:00		30	**Break**	
17:30	**Frank, O.**	35+10	**Novel physicochemical phenomena in graphene revealed by microdroplet in-situ Raman spectroelectrochemistry**	Chair: Kayal
18:30			**Dinner = BBQ**	
20:30			**NanoNet Snail Lecture (*Stockbrot,* Ciaran?) / Brain Storming**	

Friday, 18 September 2026

07:00			**Breakfast and empty the rooms until 9:00 - no exceptions**	
09:00	Strobel, C.	20+5	Vertical graphene-based transistors for photodetection and RF electronics	Chair: Winnerl
09:25	Pashkin, A.	20+5	Nonlinear terahertz response of free charge carriers in semiconductors	
09:50	**Kusch, P.**	35+10	**Nanoscale Optoelectronic Characterization of ACPS: Probing the Indirect Bandgap and Excitonic States via Resonant Raman and Near-**	
10:40		30	**Break**	
11:10	**Mooshammer, F.**	35+10	**Broadband mid-infrared waveforms for nanoscale field-resolved spectroscopy in ultra-high vacuum**	Chair: Pashkin
12:00	Winnerl, S.	20+5	Low-energy photocurrent spectroscopy on 2D materials	
12:40	**Winnerl, S.**	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.