

Agenda

Place: Jugendherberge Sayda, Mortelgrund 8, 09616 Sayda, Tel. +49 (0) 37365 1277
 Web-site: www.hzdr.de/NanoNet-Workshop2023
 Updated: 06.09.2023 (PZ)

Monday, 11 September 2023

Start	Who	Durat.	Title	Notes
09:30			Bus departure Dresden-Hauptbahnhof, Bayrische Straße	
12:00			Lunch	
13:00	Erbe, A.	10	Welcome address	Chair: Erbe
13:10	Fekri, Z.	20+5	2D materials for sensing	
13:35	Niebauer, M.	20+5	Thickness Determination of 2D Materials via Optical Microspectroscopy in Combination with 4x4 Transfer Matrix Modeling	
14:00	Jagtap, N.	20+5	Change in mechanical properties of SiC nanoresonators using helium ion implantation	
14:25	Georgiev, V.	40+10	Simulations of Ultra-Scaled Electronic Devices with a Novel Flexible Nano-TCAD Nano-Electronic Simulator Software (NESS) environment	
15:20		90	Coffee + Poster Session	10 Posters
17:00		90	Walking Tour Schwemmeteiche (start in front of hostel)	
19:00			BBQ Dinner	

Tuesday, 12 September 2023

09:00	Jamshidi, K.	20+5	Silicon ring resonators for communications and computing	Chair: Hamarly
09:25	He, M.	20+5	Towards Optical Parametric Oscillation in Silicon Ring Cavities	
09:50	Razavi, M.	40+10	Quantum Communications Networks: Prospects and Challenges	
10:40		30	Break	
11:10	Hamarly, R.	40+10	Netcast: Delocalized Photonic Deep Learning on the Internet's Edge	Chair: Jamshidi
12:00	Catunaenu, M.	20+5	Electric-field-induced second harmonic generation in SOI waveguides and resonators	
12:25	Rodriguez, B.	20+5	DNA Origami for Electronics	
12:50			Group Photo (stair cases in front of building)	
13:00			Lunch	
14:15	Departure		Bus Tour Seiffen	
15:00			Schauwerkstatt Seiffen (Engl. tour)	
16:15			Coffe Break: Cafe 'Cafechen' Seiffen	
17:15			Seiffen Church (English Tour + Organ Play)	
18:15			Bus Departure from Stop 'Seiffen, Mitte'	
19:00			Dinner	
20:30			Brain Storming / Bowling	

Wednesday, 13 September 2023

09:30	Ghosh, S.	20+5	Junctionless Nanowire Transistors: From Devices to Sensing Applications	Chair: Krause
09:55	Strobel, C.	20+5	Vertical Graphene-Based Transistors for Power Electronics, Optoelectronics and Radio-Frequency Applications	
10:20	Haluska, M.	40+10	CNFETs for sensing applications: Raman monitoring of individual SWCNTs during device fabrication process	
11:10		30	Break	
11:40	Kirchner, R.	40+10	Advanced 3D Fabrication for Functional Device Integration	Chair: Georgiev, Y.
12:30	Echresh, A.	20+5	Near-infrared photodetectors based on single germanium nanowires	
12:55		10	Prize Ceremony / Closing Words	
13:15			Lunch	
14:30			Departure: Bus to Dresden-Hauptbahnhof	

Breakfast will be served from 8 to 9 am. Rooms won't be available at arrival, but around 2 pm.

Rooms have to be **emptied at departure latest 9:30 - no exceptions.**