

## NanoNet+ Workshop 2021 - Klingenberg



### Agenda

Place: Hotel Neue Höhe, Neuklingenberg 11, 01774 Klingenberg  
Web-site: [www.hzdr.de/NanoNet-Workshop2021](http://www.hzdr.de/NanoNet-Workshop2021)  
Updated: 13.09.2021 (PZ)

### Tuesday, 21 September 2021

Start	Who	Durat.	Title	Notes
10:45			Shuttle transfer from station <b>Klingenberg-Colmnitz</b>	
12:00			Arrival/Lunch Buffet	
13:30	Erbe, A.	10	Welcome address	Chair: Erbe
13:40	Verges, J.	40+10	NanoFrazor – A Nanolithography Tool for Advanced Nanodevices	
14:30	Jagtap, N.	25+5	Top-down Fabrication of Silicon Nanophotonic Structures by Metal Assisted Chemical Etching (MACEtch) for ...	
15:00	Kiriy, A.	25+5	Self-Replication of Deeply Buried Doped Si Structures, which Remotely Control the Etching Process: A New ...	
15:40		90	<b>Coffee + Poster Session</b>	10 Posters
17:30		60	<b>Walking Tour</b>	
19:00			Dinner	

### Wednesday, 22 September 2021

09:00	Canovas, E.	40+10	Carrier dynamics in semiconductors studied by time resolved terahertz spectroscopy	Chair: Arora
09:50	Fekri, Z.	25+5	Modification of charge transport in single layer MoS <sub>2</sub>	
10:20		30	Break	
10:50	Barth, S.	40+10	Ge-based Nanowires with Metastable Composition: Hyper-Doping and Alloy Formation	Chair: Georgie
11:40	Echresh, A.	25+5	Size-dependent electrical characteristics of highly doped germanium nanowires using Hall bar configuration	
12:15			Lunch	
13:45	Arora, H.	25+5	Highly Stable Field-Effect Devices Based on Air-Sensitive 2D Materials	Chair: Chava
14:15	Nguyen, A.	25+5	OFET biosensors based on stretchable semiconducting polymer: a proof-of-concept application ...	
14:45	Samano, E.	25+5	DNA-based nanostructures for electronic applications	
15:15		30	Break	
16:00	Bus departure		<b>Sightseeing: Botanical Garden Tharandt</b>	
20:00			BBQ Dinner	

### Thursday, 23 September 2021

09:00	König, T.A.F.	40+10	Functional optical surfaces by colloidal self-assembly	Chair: Jagtap
09:50	Kemper, U.	20+5	DNA mold-based fabrication of palladium nanostructures	
10:20		30	Break	
10:50	Lungwitz, F.	25+5	Tantalum-Doped SnO <sub>2</sub> as Selective Transmitter for High-Temperature Solar Thermal Power Plants	Chair: Erbe
11:20	Krause, M.	25+5	Advanced analysis and unconventional fabrication approaches for thin films and 2D materials	
11:50	Erbe, A.; Zahn, P.	20	Annual Meeting: Status & Future of Nano(net)electronics	
12:30			Lunch incl. Student Award Ceremony	
14:00			Departure (Shuttle bus to station Klingenberg-Colmnitz)	

Breakfast will be served from 7 a.m.