

## NanoNet Annual Workshop 2021 - Klingenberg

### Talks

updated: 09.09.2021 (PZ)

<b>Presenter</b>	<b>No.</b>	<b>Title</b>	<b>Pg.</b>
<b>Invited Talks</b>			
Barth, Sven		Ge-based Nanowires with Metastable Composition: Hyper-Doping and Alloy Formation	3
Canovas, Enrique		Carrier dynamics in semiconductors studied by time resolved terahertz spectroscopy	4
König, Tobias		Functional optical surfaces by colloidal self-assembly	5
Verges, Jonas		NanoFrazor – A Nanolithography Tool for Advanced Nanodevices	6
<b>Contributed Talks</b>			
Arora, Himani		Highly Stable Field-Effect Devices Based on Air-Sensitive 2D Materials	7
Echresh, Ahmad	T1	Size-dependent electrical characteristics of highly doped germanium nanowires using Hall bar configuration	8
Fekri, Zahra	T2	Modification of charge transport in single layer MoS <sub>2</sub>	9
Jagtap, Nagesh	T3	Top-down Fabrication of Silicon Nanophotonic Structures by Metal Assisted Chemical Etching (MACEtch) for Hosting Single-Photon Emitters	10
Kemper, Ulrich	T4	DNA mold-based fabrication of palladium nanostructures	11
Kiryi, Anton		Self-Replication of Deeply Buried Doped Silicon Structures, which Remotely Control the Etching Process: A New Method for Forming a Silicon Pattern from the Bottom-up	12
Krause, Matthias		Advanced analysis and unconventional fabrication approaches for thin films and 2D materials	13
Lungwitz, Frank	T5	Tantalum-Doped SnO <sub>2</sub> as Selective Transmitter for High-Temperature Solar Thermal Power Plants	14
Nguyen Le, Anh	T6	OFET biosensors based on stretchable semiconducting polymer: a proof-of-concept application in COVID-19 pandemic	15
Samano, Enrique		DNA-based nanostructures for electronic applications	16

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