NanoNet+ Workshop 2022 - Görlitz

Talks updated: 29.09.2022 (PZ)

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Bratschitsch		Single-photon emitters in 2D materials	4
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Fischer		Integrated Refractive Index Sensors: Combining Plasmonic Nanostructures with Group-IV Devices	6
Frank		Nanospectroscopic fingerprints of van der Waals interactions in 2D materials	7
Heinzig		Reconfigurable electronics based on 1D and 2D nanostructures	8
Jamshidi		Photonic ICs for communications and computing	9
Zahn, DRT		Nanospectroscopy of hybrid plasmonic / low-dimensional semiconductor structures	10
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Berencen		On the silicon-photonic route to quantum communication and computing	11
Biswas		Converting waste heat into electrical energy in ionic nanofluidic membranes	12
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Fowley		IBC Cleanroom: capabilities, recent upgrade and future plans	16
Garcia		Environment-dependent friction, Raman and μ-RBS study of MoS ₂ coatings deposited by filtered Laser-Arc	17
Ghosh	T4	Novel Mixed Dimensional Reconfigurable Field Effect Transistors: Fabrication and Characterization	18
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Krause		High-temperature in-air stable transparent conductive oxide SnO2:Ta	22
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