Talks

updated: 15.09.2025 (PZ)

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Invited Talks			
Bolotin, K.		Ultrastrong electric fields in 2D materials	4
Carroll, D.		Engineering 2D Systems for Strong Entanglement: A New Type of Topological Qubit	5
Krstic, V.		Towards new quantized states in graphene by deliberate tailoring	6
Kusch, P.		Imaging Propagating Surface Exciton-Polaritons in Ångstrom Thin WS_2 in Real Space	7
Schlicke, H.		Mind the Gap: Tunable and Functional Interfaces between Nanomaterials	8
Contributed Talks			
Chennur, M.	T1	Defect-Driven Electrical Modulation of 2D materials by Helium ion irradiation	9
Fejzaj, D.	T2	Exfoliated MoS2-based resistive switching devices for artificial synapses	10
Garrity, O.	T3	Interlayer Exciton–Phonon Coupling in MoSe2/WSe2 Heterostructures: a resonant Raman study	11
Ghosh, S.		Polarity-Controlled Junctionless Nanowire Transistors for Advanced Sensing Applications	12
Gray, M.		Dwarf hamster on Elm Street	--
Gray, M.		Oxidation-driven spontaneous formation of internal p-and n-junctions in insynthetically derived 2D layered SnSe flakes	13
Jäger, O.	T4	Mesoscopic electrical transport in top-down defined 4H-SiC	14
Krause, M.		Raman spectra of 2D and 3D forms of transition metal dichalcogenides: Basics	15
Kreßler, M.	T5	KPFM on 2D materials and molecular 2D TMDC heterostructures	16
Roudini, M.		Surface Acoustic Wave-Induced Aerosol Printing for Nanomaterial Deposition	17
Strobel, C.		Improved graphene based hot-electron transistor with an optimized emitter-base structure	18

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