

26. Deutsche Physikerinnentagung 2022 (German Conference of Women in Physics)

Saturday 26 November 2022

Poster session - Foyer (16:00-18:00)

[id] title	presenter	board
[108] Flat-field correction for dynamic processes	ENGLER, Thea	
[101] Phase-transition in MoTe ₂ tracked by time-of-flight momentum microscopy	FEDCHENKO, Olena	
[52] Sensitivity studies for eV scale sterile neutrino searches with KATRIN	Ms. MOHANTY, Shailaja	
[95] The QSNET-Network of high-precision clocks and the quest for light dark matter.	KREIENBAUM, Saskia	
[103] Development of an active transverse energy filter (aTEF) for background reduction at the KATRIN experiment	Mrs. SCHNEIDEWIND, Sonja	
[104] Optimizing TES detection systems for extremely low background dark matter searches	SCHWEMMBAUER, Christina	
[122] Global fits for Dark Matter searches with GAMBIT	Ms. BALAN, Sri Sankari alias Sowmiya	
[127] Semi-visible Dark Matter Signatures	HEMME, Noline	
[64] Cloud response to volcanic eruptions	SEBISCH, Melina	
[79] Simulating Arctic Clouds using the Numerical Weather Prediction Model ICON	WALLENTIN, Gabriella	
[106] Development of manufacturing processes for coordinate-based 3D μ -standarts	HELLMICH, Celina	
[107] Towards dynamic measurements of individualized macromolecules	Mrs. HASSAN, Alaa	
[39] Controlling atomic interactions and collective effects in thermal vapor cells	BELZ, Annika	
[42] Towards a pulsed beam of antihydrogen for tests of the Weak Equivalence Principle for antimatter	HUCK, Saiva	
[47] Lattice-driven femtosecond magnon dynamics in α -MnTe investigated with linear spin wave theory	DELLENRE, Kira	
[48] Direct spectroscopic identification of reactive metal-oxygen species	DA SILVA SANTOS, Mayara	
[50] The influence of displacement damage on helium interaction with and retention in tungsten	KÄRCHER, Annemarie	
[51] Characterization of the parameters for gas phase CaMn ₄ O ₅ cluster. Sample preparation by mass spectrometry	Ms. A. HREBEN, Aryna	
[59] PHYSIKERINNEN: Zahlen und Fakten	PAARMANN, Dagmar	
[62] Towards experimental detection of crystallization in individualized polymer chains	Mr. OR, Wing Kit	

[65] 2D spectroscopy for the Detection of Electron-Phonon Coupling in Perovskites and Cuprates	Mr. SHARMA, Vishal Kumar	
[69] Measuring correlated phases in encapsulated bilayer graphene via graphite contacts	Ms. WEIMER, Isabell	
[83] High-Frequency ESR Studies on the Frustrated quasi-1D Spin-1/2 Chain $\text{PbCuSeO}_4(\text{OH})_2$	Ms. OHLENDORF, Rahel	
[85] Temperature dependence of Raman scattering of Ge and GeSn layers	RYZHAK, Diana	
[97] Understanding jets of uniform helium droplets along their path of propagation	Mrs. SCHUBERT, Marie Louise	
[110] Rydberg atom interactions at the interface of an optical nanofiber	Ms. RAJ, Aswathy	
[117] Using Four-Wave Mixing in Thermal Vapours as a single photon source	HIGGINS, Clare	
[118] Hot Carrier Injection and Bias Temperature Instability in SiC Transistors	WINKLER, Sophie	
[121] Development of Microfabrication processes for a scalable Multilayer Surface Electrode Ion Trap Quantum Computer	Ms. KRISHNAKUMAR, Nila	
[155] Three-dimensional optical tomography of biomedical tissues	SCHÜRSTEDT, Jasmin	
[156] Development of a tomography system for 3D imaging in the short-wave infrared (SWIR) spectral region	STEINECKER, Sylvia	
[157] Development of a highly efficient Bessel beam light sheet microscope	LUIS, van Merwyk	
[149] Droplets evaporation on chemically patterned surfaces	HONGMIN, Zhang	
[151] Viscous Fingering Modelling via Phase Field Approach	LYU, Shan	
[148] APPLICATION/TECHNOLOGY-INSPIRED DESIGN OF QUANTUM DOT MODELS FOR ELECTRON DYNAMICS SIMULATIONS	MARANDO, Sara	
[130] Current-driven writing process in antiferromagnetic Mn_2Au for memory applications	Dr. LYTVYENKO, Yaryna	
[131] Traveling wave parametric amplifiers for microwave quantum optics	BÖHLING, Sina	
[123] A New Beam Halo Veto Detector for the MAGIX Experiment	SCHLAADT, Judith	
[124] Designing an experiment for four-wave mixing with optical nanofiber evanescent dipole-trapped atoms.	Mr. SHAHRABIFARAHANI, Zohreh	
[126] Time-resolved second-harmonic imaging microscopy: ultrafast processes in ultrathin materials	AXT, Marleen	
[150] Numerical simulation of topologically optimized open-pore metal foams using a phase-field approach	HOLLAND-CUNZ, Jana	
[165] Matter-Antimatter Asymmetry and Composite Higgs Models	TADA, Aika	
[23] A Graphical Formalism for Entanglement Purification	VANDRÉ, Lina	
[28] Narrow-linewidth Laser Systems for the $1\text{S}_0\text{-}3\text{P}_2$ and $1\text{S}_0\text{-}3\text{P}_0$ Clock Transitions in Strontium	BEIKERT, Alexandra	
[36] Towards switchable photon-photon interactions	Ms. WADENPFUHL, Karen	
[18] Steady-state operation of a cell-free genetic band-detection circuit	JÄKEL, Anna	
[33] A Look at General Neutrino Interactions with KATRIN Data	FENGLER, Caroline	
[102] Momentum-resolved hard X-ray photoemission	Dr. TKACH, Olena	