

POSTER LIST

ID	Author (Last name)	Title	Group
1	P. Butler	Engineering Topological Quantum Dots in Graphene Nanoribbons	A
2	J.A. Cardenas Pestana	A new analytical method of solution of the advection-diffusion equation: Case of study a surface water quality model	B
3	C. Cartagena-Sanchez	Taylor Scale and Magnetic Reynolds Number Estimation via Two-Point Spatial Correlations	A
4	E. Cervantes Juarez	Photoluminescent properties effects of Erbium-doped glasses from ternary system CdO-V2O5-P2O5	B
5	J.M. Chavez Tovar	Geometry of Deformations and Bending Energy of Relativistic Extended Objects	A
6	M. Cox	Background characterisation for water and scintillator phases of SNOPLUS	C
7	D. Delay	Signal and Background Selection Using Computer Learning for SNO+	C
8	C. Deluce	Liquid Scintillator Phase of the SNO+ Neutrino Detector	C
9	M. Edwards	Harnessing advanced classical computing techniques including distributed computing with tensor networks and machine learning for discovery in theoretical quantum physics	A
10	L. Espinoza	Intelligent coupler for a prototype applied to civil protection and further space missions	A
11	C. Felber	Detecting seismic activity and testing calibration ropes in SNO+	C
12	W. Flores Brito	Emissivity Measurements of Aerosol Deposited YAG:Dy and MnFGeO:Mg	A
13	D. Freelong	An Experimental Approach to Particle-Shock Interactions	A
14	E.J. Guzman Ortiz	Transport properties and thermoelectric effects in gated silicene superlattices	A
15	M.A. Hernandez Bertran	Effect of finite size on density of states and Landauer conductance in graphene superlattices	A
16	J. Hu	A Position-time Reconstruction Algorithm for SNO+	C
17	R. Kaiyum	A multimodal interferometry technique for detection and classification of tissue interfaces.	B
18	P. Khaghani	External Background for Solar Neutrino Studies in SNO+	C
19	G. Lawler	Characterization of Nanometer-scale Blade-based Field Emission Cathode	A
20	D.A. Leon Valido	Study of Oxygen adsorption on Co(0001) and Co/Ir(111) surfaces	A
21	S. Majidy	Violation of an augmented set of Leggett-Garg inequalities using a non-invasive continuous in time velocity measurement	B
22	B.P. Meneses Brassea	Superparamagnetic Fe3O4 Nanoparticles: Examination of Their Feasibility for Hyperthermia Treatment for Cancer	B
23	D. Patel	Graphite Reflector in HALO_1kT	C
24	H.R. Rahman	A Neutrino Disappearance Search for Sterile Neutrinos with the CAPTAIN-Mills Detector at the Los Alamos Neutron Science Center	C
25	P. Rost	Analysis by Principal Components of SNO+ Burst Data	C
26	J. Rumleskie	A Supernova Calibration Source for SNO+	C
27	M. Shah	Preliminary Synthesis of Ruthenium Doped Oxyfluorides and Exploration of Polar and Magnetic Oxides	B
28	D. Sofferan	Investigating Excited State and Ground State Dynamics of Provitamin D analogs in DPPC lipid Bilayers.	B
29	A. Urzua	KvN Mechanics for the time-dependent frequency harmonic oscillator	A
30	P.A. Vilchis Leon	Characterization of PVA based CNT nanofibers for electrochemical sensing	B
31	D. Wagle	Time-correlated single-photon counting technique to measure lifetime of the sodium state	B
32	J. Xie	Reconstruction of RNA Structure Using Solvent Accessibility	B
33	J. Zarichney	SNOLAB Covergas Bag	C