

CUWiP 2023 @ Princeton/PPPL**Saturday, 21 January 2023****Poster Session + Grad/Career Fair (16:30 - 18:00)**

[id] title	presenter	board
[44] A Dual QSO at Cosmic Noon	LANGGIN, Rachel	
[51] Preliminary Faraday Rotation Results Associated with the Photoionized Gas of IC 1396	RAHMAN, Ramisa	
[45] Radio Astronomy: The Baryonic Tully Fisher Relation for Galaxies with Supernova Distances	MCSWAIN, Georgia	
[46] Finding EMRI Gravitational Wave Signals in Simulated LISA Data	MULLER, August	
[47] Star Formation Efficiency in Superthin Galaxies	BISSONETTE, Daisy	
[52] Cold Quasar Investigation: Comparing Central Star Formation Rates to Black Hole Growth	MINTZ, Sasha	
[66] How Do Different Angled Inclines Affect the Accuracy of an iPhone 12's Accelerometer	SCHRIEVER, Erin	
[49] Are Brightest Cluster Galaxies Special?	POBRE, Savannah	
[50] The Stellar Mass Fractions of Clusters of Galaxies	GOUNTANIS, Nicole	
[54] Deposition of Pt/Co/Ir multilayer films with interfacial Dzyaloshinskii-Moriya interactions	ZHANG, Yuqi	
[55] Stochastic modeling of sRNA-mRNA sequestration and reduction of translational burst noise in Vibrio quorum-sensing networks	LIU, Meryl	
[63] Atomic-scale studies on the dissociation of CO ₂ over single Sn atoms dispersed on Au(111)	YI, Sophia	
[53] Cosmological constraints on atomic dark matter	HUGHES, Ellie	
[70] Bryn Mawr Plasma Laboratory Projects Report	LI, Yuqian	
[56] Effects of X-Ray Exposure on Physical Characteristics of Metallic Thin Films	DOUGHTY, Dorothy	
[58] Dust Cleaning The Cosmic Microwave Background	CHARLES, Woodkensia	
[57] An universal equation to predict Ω_{m} from halo and galaxy catalogues	SHAO, Helen	
[59] Embracing Contact Resistance in the Design of High-Performance Low-Cost, Flexible Electronics	YU, Yue	
[60] Investigations into Sensitivity of Novel COVID-19 Biosensor	KHAN, Aimen	
[61] Constructing a Basis for Image Reconstruction and Noise Reduction using Principal Component Analysis	NADGOUDA, Shrinidhi	
[62] Fluorophore Self-Assembly in Liquid Crystals	MANDIC, Mina	
[64] Modelling Magnetic Field Growth in Disc Galaxies within the Framework of $\alpha - \Omega$ Dynamo Theory	KARAASLAN, Inci	
[65] Effects of Thermal Variations on Lipid Monolayer Molecular Packing	ZIU, Eleni	
[67] Effects of Sterol Modified Lipids on Molecular Packing in Lipid Monolayers	ZIU, Maria	

[68] Progress toward a rotating optical Cs-Hg comagnetometer to detect long-range spin-spin interactions	HERZ, Bek	
[69] Current constraints on dark matter-interacting stepped dark radiation	BARTLETT, Alexa PATEL, Yashvi	
[71] Physics-based adaptive learning to resolve overlapping molecular line transitions in mid-infrared spectroscopy	JURACKA, Zayna	
[72] Pacemaker/Implantable Cardiac Defibrillator SAVI Dose Predictions Using HDR Brachytherapy	DICKSON, Lily	
[75] Symmetry Breaking in the Scalar Higgs Potential	SWANSON, Abigail	