

2024 Poster Competition

Wednesday, 13 March 2024

Poster: Poster competition (14:00 - 19:00)

[id] title	presenter	board
[4] Structure Effect on Reflective Gyrotron Backward-Wave Oscillator	Mr CHANG, Chia-Chuan	
[42] Finding dusty AGNs from the JWST CEERS survey with mid-infrared photometry	CHIEN, Chia-Chen	
[6] First statistical evidence of cosmological baryonic fluctuation revealed by localized fast radio burst.	HSU, Tzu-Yin	
[7] Broadband and Molecular Dynamics Analysis of Propylene Carbonate and its Binary Mixtures with Alcohols	TSAI, Shang-Da	
[26] Shaping Single Photons By Fiber Bragg Gratings	CHIEN, Shao Wei	
[25] Multi-User Quantum Key Distribution with 148 Times Improvement in Key Rate	LIU, Cheng-Hong	
[13] Acoustic Monitoring of the STM Tunneling Current	HONG, Wei Cheng	
[14] Simulating AGN feedback in galaxy clusters with pre-existing turbulence	LI, Jia-Lun	
[16] Exploring Quantum Size Effect of Antiferromagnetic 120° Néel State on Mn Nanoislands by Spin-Polarized Scanning Tunneling Microscopy	LIN, Yu-Tung	
[40] Investigating Magnetic Properties of Mn-Deposited Bi/Ag(111) with Spin-polarized Scanning Tunneling Microscopy	LI, Chieh-Lin	
[28] Entanglement renormalization of non-Hermitian critical systems and emergent dS space	□, □□	
[32] Reversible Switching of Single FePc Molecule Structure on Giant Rashba Surface	LEE, Hung Chin	
[5] TE- and TM-mode Competition in Subterahertz Gyrotron Using Axis-Encircling Electron Beam	YANG, Tien-Fu	
[24] Searching for the Missing Puzzle Pieces of the Early Universe with JWST in the COSMOS Field — $3\mu\text{m}$ Dropout Galaxies	LIN, Leah Ya Ling	
[18] Using Matrix Product State to Solve Scale Invariant Hamiltonian in Efimov Physic	HSU, Che-Chia	
[21] Raman Scattering Approach to the \mathbb{Z}_2 Gauge Theory in the Kitaev Model	Mr WANG, Chen-Chih	
[11] Finding Planet 9 In the AKARI Image	CHEN, Yu-An	
[22] The Magnetic Field in Star-Forming Regions of Perseus Molecular Cloud	CHEN, Szu-Ting	
[8] Type Ia Supernovae Induced by Primordial Black Holes from Dark First-Order Phase Transition	CHEN, Pin-Jung	
[9] A Search for Planet Nine with Far-Infrared All-Sky Surveys Data	Mr PHAN, Terry Long	
[20] Spectropolarization of Synchrotron Radiation in Astrophysics	YAP, Yee Xuan	
[15] Microwave-Based Oxidation Process for Carbon Fiber	CHEN, Yan Cheng	

[17] Formation and mechanics of fire ant rafts as an active and self-healing membrane	CHEN, Chung Hao	
[19] Dual residence time for droplet to coalesce with liquid surface	HSIEH, Ting-Heng	
[23] Characterization of dynamical phases for periodic-driven systems on the Poincaré disk	LI, Heng-Hsi	
[31] Topological phases of antiferromagnetic insulator	LI, YingLin	
[35] Pioneering All-copropagating Scheme for Biphoton Source in Hot atomic System	HSU, Chia-Yu	
[38] Machine-Learning enhanced Quantum State Tomography: Covariance matrix approach	RODRÍGUEZ PÉREZ, Juan Camilo	
[3] Enhance the Esterification Reaction Rate in Producing Biodiesel by Microwave and Fe Powder	HSU, Chen-Yi	
[12] Quantum many-body scars as protected subgraph in the Fock space lattice: A study in 2D constraint system	Mr TAN, Tao-Lin	
[39] A Framework For Rapid Parameter Inference of Kilonova Light Curves: Bayesian-Machine Learning Approach	SAHA, Surojit	
[30] Polarisation Measurements of Soft Gamma Rays from the Crab and Cygnus X-1 using a Small Compton Polarimeter to Fly on a Cubesat	SEN, Kaustubha	
[44] An interesting ordered phase of germanene on Ag(111) with several repeating motifs and a sharp Fourier transform spectrum, and yet no translational symmetry.	WU, Ming Lung	
[46] Tuneable Complex Permittivity and Permeability of Silver-Epoxy Nano-Composite by Percolation Effect Over a Wide Bandwidth	TSENG, Bo-Wei	
[29] Growth of lead and gold layers on top of new quasi-freestanding phase germanene	TINGHAO, Huang	
[47] Study of PbAu alloy on different substrates	LEI, KA WENG	
[33] Growing quasi-freestanding phase germanene on Ag₂Bi alloy surface	YU, Jang-Hung	
[45] Realization of Precise Heating Stage for On-Surface Synthesis	FENG, Xuan	
[27] Vertical Electronic Interaction in DB6P on Ag(111)	SINGH, Abhishek	
[48] Dropout Galaxies in JWST COSMOS Field	WU, Kent-Wei	