

2025 Poster Competition

Wednesday, 26 March 2025

Poster Talks (13:20 - 17:20)

| time | [id] title | presenter |
|-------|---|----------------------|
| 13:20 | [3] RIXS study on van der Waals multiferroic CuCrP ₂ S ₆ , | SU, Yun-Chuan |
| 13:23 | [13] Exploring Moiré Excitons in Transition Metal Dichalcogenide and Complex Oxide Heterostructures | LIN, Shih-Chieh |
| 13:26 | [15] Exploration of polarization properties and Stark effect of blue quantum emitters in hexagonal boron nitride | HUANG, Hua-Wei |
| 13:29 | [5] Could we have a Prism for Neutrinos? | CHANG, Kung-Yu |
| 13:32 | [7] Investigation of Moiré Structures and Excitonic Behaviors in WS ₂ Twisted Homobilayers | LU, ChengYi |
| 13:35 | [8] Rotation measure analysis of shocks and sloshing fronts in a cluster merger simulation | LIOU, Jia-Rou |
| 13:38 | [9] High-quality blue quantum emitters in hexagonal boron nitride without background fluorescence. | GUO, Ming-Hao |
| 13:41 | [11] Proximity-Effect-Driven Superconductivity in Two-Dimensional Bi Thin Films on Al(111) | SUNG, Kuan-Ying |
| 13:44 | [14] Enhanced Quantum Emitter Density in Hexagonal Boron Nitride via Organic Solvent Treatment | CHAN, Yung-Han |
| 13:47 | [17] Optimizing Quantum Subchannel Discrimination: One-Way Communication and Device-Independent Security | SHIH, Yen-An |
| 13:50 | [20] Yu-Shiba-Rusinov States of Magnetic Fe Adatoms on Superconducting Ni Kagome Lattice | SU, Yu-Yao |
| 13:53 | [22] Investigating Cold Gas Filaments in Cool-core Clusters | LI, Yi-Yang |
| 13:56 | [23] Lifshitz Josephson Junction | GUNAWAN, Alfian |
| 13:59 | [26] Effects on polarization properties of radio galaxies by magnetized AGN jets | ZHENG-XIAN, Hsu |
| 14:02 | [27] Investigating Quantum Size Effect in Monolayer Mn on Ag(111) by Scanning Tunneling Microscopy/Spectroscopy | Mr HUANG, Guan-Yi |
| 14:05 | [28] Resolving Atomic-Scale Complex Magnetic Order in an Antiferromagnetic Ultrathin Film by Spin-polarized Scanning Tunneling Microscopy | CHOU, SHUN PING |
| 14:08 | [29] Exploring the Degree of Freedom Beyond Standard Model via Primordial Black Hole Evaporation with Memory Burden Effect | LIN, Leah Ya-Ling |
| 14:11 | [30] Periodic Boundary Condition of Partons in the Kitaev Model | Mr WANG, Chen-Chih |
| 14:14 | [4] Dealkylation and Metallation of a Hydrocarbon in On-Surface Synthesis | AHMED, Aaman Akhtar |
| 14:17 | [6] Electrical memorability in silver nanoparticle composite operated at the conductor-to-insulator percolation threshold | CHEN, Hua Yan |
| 14:20 | [12] Microwave Hybrid System in Carbonization and Graphitization | WANG, Yu-Ta |
| 14:23 | [16] From Simulations to Spectra: Investigating AGN Wind-Disk Interactions and Asymmetric Galactic Outflows | Ms CHANG, Chiung-Yin |

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| 14:26 | [18] 6U CubeSat VERTECS: Data Downlink Pipeline | CHEN, Yu-An |
| 14:29 | [31] Investigating the nature of magnetic turbulence in Tycho's SNR using X-ray observation | ARAVINDARAJ, Ashwin |
| 14:32 | [19] Impact of binary systems on massive star evolution | CHU, Yo-Yo |
| 14:35 | [25] Interference between two independent photons for scalable quantum key distribution | LIAO, De-Wei |
| 14:38 | [21] Can Supernovae Blast Eliminate Alien Civilizations? | Mr SENJAYA, Deriyan |
| 14:41 | [24] Noise-robust quantum LiDAR with temporal long single photon and phase-modulation technique | SHIH, Yen-Cheng |
| 14:44 | [32] Random singlets and permutation symmetry in the disordered spin-2 Heisenberg chain: A tensor network renormalization group study | LIN, yentung |
| 14:47 | [33] The Dynamic of Molecular Gas of NGC 7538 IRS 1 in 345 GHz Using SMA | CHEN, Yi-Jhun |
| 14:50 | [34] Physics-Inspired Neural Network for Kilonova Modeling | SAHA, Surojit |