

Session Program

25-27 Mar 2026

2026 Spring Poster Competition

Poster Talks

Wednesday 25 March

13:00

Poster Talks

Session

13:00-13:03 **SPIIR Offline Search on CBC in SSM region**

Speaker

NGAI CHUN LUNG

13:03-13:06

RIXS Evidence for the Order-Disorder Antiferroelectric Transition in CuCrP_2S_6

Speaker

Yun-Chuan Su

13:06-13:09

Probing Excitonic Transitions at Atomic-Scale Defects in Chemical Vapor Deposition-Grown MoS_2 and WSe_2

Speaker

Hsuan-Yi Chen

13:09-13:12

Resolving Superconducting Vortices in Pb Monolayer and Thin Films on Si(111)

Speaker

YUAN-MIN LAI

13:12-13:15

Testing the Polarization-Intensity Gradient Method for Magnetic Field Strength Estimation in Dense Core Simulations

Speaker

Jo-Shui Kao

13:15-13:18

Spatial distribution of blue quantum emitters in hexagonal boron nitride induced by electron beam irradiation.

Speaker

Zong-Syun Li

13:18-13:21

Density Matrices and Entanglement Properties of the Kitaev Spin Liquid

Speaker

Mr Chen-Chih Wang

13:21-13:24

Exploring Kondo Physics and Yu-Shiba-Rusinov States in MnPc Molecules on Superconducting Pb(001) Surface

Speaker

YU-SHENG LUO

13:24-13:27

Electrical Control of Hybridized Exciton in Moiré WS₂ /MoSe₂ Heterostructures**Speaker**

Ping-Hau Chen

13:27-13:30

Defect Activation and Stabilization in Hexagonal Boron Nitride for Room-Temperature Single-Photon Sources**Speaker**

林郁晨

13:30-13:35

 H -linear magnetoresistance in the T^2 resistivity regime of overdoped infinite-layer nickelate La_{1-x}Sr_xNiO₂**Speaker**

Yong-Cheng Pan

13:35-13:38

Atomic-Scale Characterization of Iron Oxide Thin Film on Ag(001) by Scanning Tunneling Microscopy**Speaker**

Yi-Chun Huang

13:38-13:41

Properties and Implications of Milling Behavior in Active Particles with Anisotropic Vision**Speaker**

Hsin-Yu Chen

13:41-13:44

Doping evolution of thermodynamic properties across the antiferromagnetic endpoint in Mott insulator Sr₂(Ir,Rh)O₄**Speaker**

tzuning Yen

13:44-13:47

Epitaxial growth of MnTe/Bi₂Te₃ heterostructures on Si(111)**Speaker**

偉軒 高

13:47-13:50

Neutrinos from Superradiant Primordial Black Holes**Speaker**

Ms Yixuan Lin

13:50-13:53

Pulse compression and autocorrelation signal analysis of a non-collinear optical parametric amplifier**Speaker**

Yen-Chen Chiang

13:53-13:56

The JCMT BISTRO Survey: Magnetic Fields in the Massive Star-Forming Region Onsala 2

Speaker
Meng-Zhe Yang

13:56-13:59

Searching for triple-detection Planet Nine candidates using far-infrared all-sky survey data

Speaker
Mr Terry Long Phan

13:59-14:02

Observation of Bright Intralayer Moiré Excitons in $\text{Mg}(\text{OH})_2/\text{MoSe}_2$ Heterostructure

Speaker
Yu-Cheng Lin

14:02-14:05

Modeling Multi-Peak Patterns in Cell Polarity: The Role of an Intermediate Species' Retention Rate in Reduced Two-Component Activator-Substrate Model

Speaker
Ren Hao Lee

14:05-14:08

Strain-dependent optical properties in Janus MoSSe monolayer

Speaker
Ms Yi-Syun Hsieh

14:08-14:11

Uncertainty-aware Neural Networks for Fuzzy Dark Matter Model Selection from xHI Measurements

Speaker
Bahareh Soleimanpour Salmasi

14:11-14:14

Tuning the Growth Mode of Bi on Cu(111) via a Co Interlayer

Speaker
Fang-Tzu Chang

14:14-14:17

Random spin-3/2 antiferromagnetic Heisenberg chains revisited

Speaker
yentung lin

14:17-14:20

JWST COSMOS-Web DR1: Identifying $z \sim 9-10$ protocluster candidates through photometry

Speaker
Srivardini Ayyappan

14:20-14:23

Tracing AGN Contribution and Number Fraction Across Cosmic Time with JWST

Speaker
Angel Rodriguez Barbosa

14:23-14:26

Do Astrophysical Hazards Solve the Fermi Paradox?

Speaker
Mr Deriyen Senjaya

14:26-14:29

Interpreting Optical Diffractive Neural Networks (ODNN) via Gradient-based Physical Activation Mapping (GPAM)**Speaker**

Hong-Yueh Huang

14:29-14:32

Estimating the Hubble Constant from Localized and Nonlocalized Fast Radio Bursts Using CHIME Data**Speaker**

YaLi Chu

14:32-14:35

Resolving Atomic Structures of Altermagnetic MnTe by Scanning Tunneling Microscopy**Speaker**

Shao Chi Tu

14:35-14:38

A Particle-Scale Continuum Model for Active Brownian Particles**Speaker**

Ping-Cheng Lu

14:38-14:41

Exploring the Degree of Freedom Beyond Standard Model via Primordial Black Hole Evaporation with Memory Burden Effect**Speaker**

Leah Ya-Ling Lin

14:41-14:44

Using Python and Raspberry Pi to efficiently capture (high-quality) LEED images and accurately extract lattice constants**Speaker**

KA WENG LEI

14:44-14:47

Beyond Calabrese-Cardy Scaling: Exceptional-Point Sensitivity and its de Sitter RT Origin**Speaker**

鄭宏周

14:47-14:50

Growth and Electronic Properties of Functionalized DAE Molecules on Au(111)/Ag(111) studied by STM/STS**Speaker**

Aaman Akhtar Ahmed

14:50-14:53

Interplay of charge density wave, pairing density wave and superconductivity in high T_c cuprate superconductors**Speaker**

Mr SHIH-SI HSIAO

17:00