



理論物理 論壇

THEORETICAL
PHYSICS
SYMPOSIUM

2025 台灣物理年會

Annual Meeting of the Physical Society of Taiwan

2025 JAN 15

13:30-16:00

國立中山大學
理學院
RM. SC2006
COLLEGE OF
SCIENCE,
NSYSU

國家理論科學研究中心・物理組
National Center for Theoretical Sciences
Physics Division



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Chair

JENG-DA CHAI (NTU)

13:30 – 13:40

JENG-DA CHAI (NTU)

"Present Status of NCTS-Physics"

13:40 – 14:10 (REMOTE TALK)

YUEH-NING LEE (NTNU)

"How nonideal magnetohydrodynamics regulates the formation and evolution of young protoplanetary disks"

14:10 – 14:30

JUN-YI WU (TKU)

"Entanglement-efficient distributed quantum computing"

14:30 – 14:50

KUO-CHUAN PAN (NTHU)

"Multi-Messenger Signals from Magnetized Core-Collapse Supernovae"

14:50 – 15:10

HORNG-TAY JENG (NTHU)

"First-principles calculations: A powerful tool for exploring novel condensed matter physics and potential quantum materials"

15:10 – 15:30

LIANG-YAN HSU (AS)

"Non-Adiabatic Quantum Electrodynamical Effects on Electron-Nucleus-Photon Systems: Single Photonic Mode versus Infinite Photonic Modes"

15:30 – 16:00

SHIN-LIANG CHEN (NCHU)

"General characterization of quantum temporal correlations"

