



NCTS

理論物理 論壇

THEORETICAL
PHYSICS
SYMPOSIUM

2026 台灣物理年會
Annual Meeting of the Physical Society of Taiwan

2026 JAN 14
09:00-11:00
13:00-16:30

國立中正大學
共教大樓

2F 205

COMMON
CLASS BLDG.
CCU, CHIAYI

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

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SESSION 1 *Chair* GUANG-YU GUO (NTU)

09:00 - 09:15

PEI-MING HO (NTU)

New Director's Introduction

09:15 - 09:20

2025 Young Theorist Award

09:20 - 10:00

CHEN-HSUAN HSU (ACADEMIA SINICA)

"Moiré domain-wall networks: a playground for correlated and topological phases"

10:00 - 10:40

GUAN-RONG HUANG (NTHU)

"Neutron Scattering Reveals Flow-Induced Structural Transformation & Orientational Alignment in Soft Condensed Matter"

SESSION 2 *Chair* PEI-MING HO (NTU)

13:00 - 13:30

HAO-CHUNG CHENG (NTU)

"Reliable communication over noisy quantum channels"

13:30 - 14:00

YINK LOONG LEN (NCKU)

"Various effort in implementing quantum information processing under realistic considerations"

14:00 - 14:30

TSUNG-HAN LEE (CCU)

"Ghost Rotationally-Invariant Slave-Boson Approach to Correlated Quantum Materials"

SESSION 3 *Chair* GUANG-YU GUO (NTU)

15:00 - 15:30

MIN-YEH TSAI (CCU)

"Structural Quality, Not Quantity: Molecular Simulations of Protein Aggregation Dynamics"

15:30 - 16:00

NATHAN MUYINDA (ACADEMIA SINICA)

"Dynamics of a competitive rock-scissors-paper community under invasion"

16:00 - 16:30

New Director's Q&A Session

