

City University of Hong Kong  
Department of Physics

Celebration of Physics – Annual Symposium 2026  
(8<sup>th</sup> Edition)

Date: 29 May 2026 (Friday)

Time: 1:30 PM – 6:00 PM

Venue: G7603, Yeung Kin Man Academic Building

Program Rundown

13:30 – 13:35 Introduction by Prof. Yang REN (*Head of Department, Chair Professor of Physics*)

13:35 – 13:40 Photo Session

Keynote Talk—Chair: Prof. Yang REN

13:40 – 14:40 **Moiré Materials: From Flat Bands to Emergent Quantum Matter**  
*Prof. Mikito KOSHINO (Professor, Department of Physics, Osaka University)*

Scientific Session (I)—Chair: Prof. Xiao LI

14:40 – 15:10 **Fractional Topological Phases and Superconductivity in Twisted MoTe<sub>2</sub>**  
*Prof. Tingxin LI (Associate Professor, School of Physics and Astronomy, Shanghai Jiao Tong University)*

15:10 – 15:25 **Magnetism and Field Re-entrant Superconductivity in Doped Infinite-layer Samarium Nickelates**  
*Prof. Danfeng LI (Associate Professor, PHY, City University of Hong Kong)*

Student Awards

**Announcement of FYP Awards**

*Prof. Xiao LI (Associate Professor, PHY, City University of Hong Kong)*

**Announcement of Poster Awards + Presentation**

15:25 – 15:45 *Prof. Haixing LI (Assistant Professor, PHY, City University of Hong Kong)*

**Announcement of Best Tutor Award (2024-25 Academic Year)**

**Presenting awards to the highest performer in the PHY PhD Qualifying Exam**

*Prof. Yang REN (Head of Department, Chair Professor of Physics)*

Coffee break and discussions (15:45 – 16:00)

Scientific Session (II)—Chair: Prof. Zhedong ZHANG

16:00 – 16:30 **Poisonization of Quantum Dynamics and Applications**  
*Prof. Jiushu SHAO (Professor, School of Chemistry, Beijing Normal University)*

16:30 – 16:45 **Solvent Intercalation in Layered Cathodes for Ultrafast Sodium-ion Batteries**  
*Prof. Qi LIU (Associate Professor, PHY, City University of Hong Kong)*

16:45 – 17:00 **Quantum Information Science, My Past and Current Research**  
*Prof. Oscar DAHLSTEN (Associate Professor, PHY, City University of Hong Kong)*

Departmental Service Award

17:00 – 17:10 **Announcement of Departmental Service Award**  
*Prof. Yang REN (Head of Department, Chair Professor of Physics)*

Scientific Session (III)—Chair: Prof. Yiming ZHONG

17:10 – 17:40 **Cosmological Small-scale Puzzles and Tentative Solutions in CDM and SIDM Paradigms**  
*Prof. Fangzhou JIANG (Assistant Professor, The Kavli Institute for Astronomy and Astrophysics, Peking University)*

17:40 – 17:50 **Postdoc talks**  
*One flash talk by the winner of the Best Poster Award (Postdoc Category).*