

# 2023 NCU MINI-WORKSHOP ON RECENT ADVANCES IN GRAVITATION

9 December 2023

S4 208, Center for Mathematics and Theoretical Physics, NCU



10:30 - 11:00

*On CPAC @ NCU*

**Wing-Huen Ip** (National Central University)



11:00 - 12:00

*What Constitutes a Gravitational Wave in an Expanding Universe?*

**Yi-Zen Chu** (National Central University)

12:00 - 13:30 Lunch



13:30 - 14:30

*A Quantum Mechanical Model of Black Holes*

**Chong-Sun Chu** (National Tsing-Hua University)

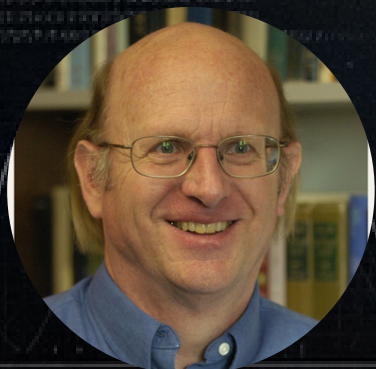


14:30 - 15:30

*Singularity at the Demise of a Black Hole*

**Justin C. Feng** (LeCosPA, National Taiwan University)

15:30 - 16:00 Coffee Break



16:00 - 17:00

*Solving Einstein's Equation Numerically on Manifolds with Arbitrary Spatial Topologies*

**Lee Lindblom** (UC San Diego)



Center of High  
Energy and High  
Field Physics

Center for Particle  
Astrophysics and Cosmology  
(CPAC)



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