

## **Session Program**

**Jun 2-6, 2025**

# **Lee's Fest: Quantum Gravity and the Nature of Time**

## **Poster Session**

Perimeter Institute for Theoretical Physics, PI/3-394 - Skyroom

Fri, June 6

2:00 p.m.

Poster Session: Poster Session

Session | Location: Perimeter Institute for Theoretical Physics, PI/1-119 - Atrium

14:00–14:05 Complexity, scaling, and a phase transition

Speaker  
Jiayue Yang

14:05–14:10 The Surreptitious Materialism of the Path Integral

Speaker  
Ms Esterina Celami

14:10–14:15 Origins of Thermalization in Quantum Cosmology

Speaker  
Mr Michael Osei

14:15–14:20  
Shocks but not cataclysms: continuous dynamical extension beyond shell crossings

Speaker  
Hassan Mehmood

14:20–14:25 Hydrogenic entanglement as a test for  $ER = EPR$

Speaker  
Irfan Javed

14:25–14:40 Semiclassical static solutions in spherically symmetric gravity

Speaker  
Irfan Javed

14:40–14:55 Semiclassical Mixmaster Universe

Speaker  
Mr Muhammad Muzammil

14:55–15:10 The Local Many Worlds Interpretation and Quantum Gravity

Speaker  
Mordecai Waegell

15:10–15:25  
When Nothing Ticked: Physical and Geometrical Time in Early-Universe Cosmology

Speaker  
Ms Asya Ciftci

4:00 p.m.