Session Program

May 6 – 10, 2024

Loops'24 International Conference on Quantum Gravity

Cosmology, Black Holes, and other applications/phenomenology

Broward County Main Library Auditorium
Florida Atlantic University, Fort Lauderdale Campus, 111 E Las Olas Blvd, Fort Lauderdale, FL 33301, USA

Thu, May 9

3:10 PM

Cosmology, Black Holes, and other applications/phenomenology

Session | **Location:** FAU FTL Room 312

3:10 – 3:25 PM **Black hole as a semi-classical configuration with maximum entropy**

Speaker
Yuki Yokokura

3:25 – 3:40 PM

Scalar cosmological perturbations from quantum-gravitational entanglement

Speaker
Luca Marchetti

3:40 – 3:55 PM **Timelike building blocks in quantum cosmology**

Speaker
Alexander Jercher

3:55 – 4:10 PM **Poincare symmetries for 4D gravity and spin networks**

Speaker
Simon Langenscheidt

4:10 – 4:25 PM

Purification of Hawking radiation: messages from a moving mirror analogue

Speaker
Paula Calizaya Cabrera

4:25 PM