

Session Program

May 6 - 10, 2024

**Loops'24 International Conference on
Quantum Gravity**

Canonical LQG

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

Mon, May 6

2:00 PM

Canonical LQG

Session | Location: FAU FTL Room 131

2:00 - 2:15 PM **Pullin vacuum**

Speaker

Jerzy Lewandowski

2:15 - 2:30 PM

Towards canonical LQG with neural networks: From the basics to 3d gravity in Smolin's weak coupling limit

Speaker

Hanno Sahlmann

2:30 - 2:45 PM

Relating Canonical and Covariant Hamiltonian frameworks

Speaker

Alejandro Corichi

2:45 - 3:00 PM

Asymptotic safety and canonical quantum gravity

Speaker

Renata Ferrero

3:00 - 3:15 PM

Fermions in LQG

Speaker

Federica Fragomeno

3:15 - 3:30 PM

Symmetry charges on reduced phase space and BMS algebra

Speaker

Hongwei Tan

3:30 - 3:45 PM

Effective LTB: from dust collapses to regular black holes

Speaker

Stefan Weigl

4:00 PM