

Session Program

May 18 - 22, 2026



27th Conference of the International Linear Algebra Society (ILAS 2026)

Convex Structures in Quantum Information and Gravity

Virginia Tech
Blacksburg, VA 24061

Tue, May 19

2:00 PM

Convex Structures in Quantum Information and Gravity: E

Session | Location: Virginia Tech, Goodwin Hall 115

2:00 – 2:25 PM

Today's Experiments Suffice to Indirectly Verify the Quantum Essence of Gravity

Speaker

Martin Plávala

2:25 – 2:50 PM

Time-evolution in generalized probabilistic theories

Speaker

Matthias Kleinmann

2:50 – 3:15 PM

Quantum Simulation of Non-Positive-Operator-Valued Measurements in General Probabilistic Theories with Post-Selection and Prior Information.

Speaker

Hayato Arai

3:15 PM

3:45 PM

Convex Structures in Quantum Information and Gravity: F

Session | Location: Virginia Tech, Goodwin Hall 115

3:45 – 4:10 PM

Comparing measurement incompatibility via convex subsets of states

Speaker

Ryo Takakura

4:10 – 4:35 PM

Definitely Not That One: The Art of Antidistinguishing Quantum States

Speaker

Jamie Sikora

4:35 – 5:00 PM

Information-theoretic finite de Finetti theorems for quantum and beyond

Speaker

Gereon Koßmann

5:00 – 5:25 PM

Convergent Inner-outer Approximation Schemes From De Finetti Theorems For Games And Quantum Error Correction

Speaker

Julius Alexander Zeiss

5:25 PM