

MSC13. Linear algebra and quantum information theory.

Organizers: Ángela Capel, Fernando Lledó, Julio de Vicente.

MONDAY, 11:10-11:40: **AULA 6F**. Diagonal

Unitary and Orthogonal Symmetries in Quantum Theory. Ion Nechita.

MONDAY, 11:40-12:10: **AULA 6F**. Positive

maps and entanglement in real Hilbert spaces. Mizanur Rahaman.

MONDAY, 12:10-12:40: **AULA 6F**. When are quantum states antidistinguishable? Jamie Sikora.

MONDAY, 12:40-13:10: **AULA 6F**. Free

spectrahedra in quantum information theory. Andreas Bluhm.

WEDNESDAY, 11:10-11:40: **AULA 6F**. Recoverability

of quantum channels via hypothesis testing. Anna Jenčová.

WEDNESDAY, 11:40-12:10: **AULA 6F**.

Recoverability of quantum Fisher information. Haojian Li.

WEDNESDAY, 12:10-12:40: **AULA 6F**. Monogamy of

entanglement between cones and DPS-like hierarchies. Martin Plávala.

WEDNESDAY, 12:40-13:10: **AULA 6F**. Abstract cone systems. Mirte van der Eyden.

THURSDAY, 11:10-11:40: **AULA 6F**. Entangled

subspaces and their characterization. Remigiusz Augusiak.

THURSDAY, 11:40-12:10: **AULA 6F**. A complete hierarchy of linear systems

for certifying quantum entanglement of subspaces. Benjamin Lovitz.

THURSDAY, 12:10-12:40: **AULA 6F**. Refuting

spectral compatibility of quantum marginals. Felix Huber.

THURSDAY, 12:40-13:10: **AULA 6F**. Mutually unbiased

measurements and their applications in quantum information. Máté Farkas.

FRIDAY, 11:10-11:40: **AULA 6F**. Quantum concentration inequalities. Daniel Stilck França.

FRIDAY, 11:40-12:10: **AULA 6F**.

Thermalization in quantum spin systems. Antonio Pérez-Hernández.

FRIDAY, 12:10-12:40: **AULA 6F**. Spectral gap

for AKLT models on arbitrary decorated graphs. Angelo Lucia.

Updated: 02 June 2023