

Note The official schedule of the event is expressed in Mexico City's local time (UTC/GMT -6 hours).

■ Monday, February 28th

- 9 h - **Zsolt Bernad**: *Volume ratios and detectability of entangled states in bipartite quantum systems.*
- 10 h - **Bruno Taketani**: *Co-designing quantum accelerators for high-performance computing.*
- 11 h - *Coffee break*
- 11:30 h - **Pablo López Vázquez**: *Solutions to linear dissipative quantum systems.*
- 12:30 h - *Lunch*
- 15 h - **Rafael Méndez**: *Emulation of benzene and borazine pi-orbitals using elasticity.*

■ Tuesday, March 1st

- 9 h - **Manan Vyas**: *Eigenvector structure in many-body quantum systems: Conditional q-normal form.*
- 10 h - **Ulrich Kuhl**: *Microwave studies of the three chiral ensembles in chains of coupled dielectric resonators.*
- 11 h - *Coffee break*
- 11:30 h - **Ángel Martínez Argüello**: *Microwave graph analogs for the voltage drop in three-terminal devices with orthogonal, unitary, and symplectic symmetry.*
- 12:30 h - *Lunch*
- 15 h - **Rocío Gómez Rosas**: *Entangling operations in nonlinear two-atom Tavis-Cummings models.*
- 15:30 h - **Moisés Carrera**: *Onset of universality in the dynamical mixing of a pure state.*
- 16:30 h - **Bryan Manjarrez**: *Vanishing-dispersion mechanical metamaterial in 1D.*

■ Wednesday, March 2nd

- 9 h - **Christof Jung**: *An example of a horseshoe in a 4-dimensional Poincare map.*
- 10 h - **Francisco González**: *Atom scattering off a vibrating surface: An example of chaotic scattering with three degrees of freedom.*
- 11 h - *Coffee break*
- 11:30 h - **Jonathan Torres Herrera**: *Signatures of thermalization and chaos in the dynamics of isolated interacting quantum systems.*
- 13 h - **Alessandro Corbetta** (*ICF Colloquium*¹): *Active flow of pedestrian crowds: from large-scale measurements to variational modeling.*
- 15 h - **Isaías Vallejo**: *Analysis of the Aurich-Steiner conjecture in one-dimensional interacting quantum systems.*
- 15:30 h - **Parisa Majari**: *Photonic realization of the κ -deformed Dirac equation.*

¹Via an independent [Zoom video conference \(ID 830 6128 4607\)](#), or by [YouTube](#).

- 16 h - **Peter Hess**: *The role of the Pauli Principle in Nuclear Models.*
- Thursday, March 3rd
 - 9 h - **Ralf Betzholtz**: *Lindblad master equations for quantum systems coupled to dissipative bosonic modes.*
 - 10 h - **Felix Izrailev**: *Thermalization in isolated quantum systems of interacting particles.*
 - 11 h - *Coffee break*
 - 11:30 h - **Marko Žnidarič**: *Non-Hermitian phantoms in random circuits.*
 - 12:30 h - *Lunch*
 - 15 h - **Thomas Gorin**: *Linear PT-symmetric Hamiltonians and their dynamics on the Bloch sphere.*
 - 16 h - **Mauricio Torres**: *Lindblad master equations without gain in the weak and strong coupling regime.*
- Friday, March 4th
 - 9 h - **Carlos González Gutiérrez**: *Ultrastrong waveguide-QED with giant quantum emitters.*
 - 9 h - **Ivan Kukuljan**: *Entanglement in quantum field theory.*
 - 10 h - *Coffee break*
 - 11:30 h - **José Javier Sánchez-Mondragón**: *Polarization matrix, an attractive entanglement option².*
 - 12:30 h - *Lunch*
 - 15 h - **Mario Kieburg**: *Computing Entanglement Entropy with Random Matrix Theory.*

²A work in collaboration with N. Lozano-Crisostomo and J. C. García Melgarejo