

DiQuaC

DISSIPATIVE QUANTUM CHAOS

14th - 15th September 2026

 **Venue:** School of Innovation (SOI) - Aula CLab S - Via Tommaso Gar 16/2, Trento

Monday September 14

14:15 – 14:55	Lucas Sá <i>Spectral statistics in dissipative quantum chaos: from random matrices to quantum computers</i>
14:55 – 15:20	Alex Windey <i>Closed- and open-system characterization of the Yukawa–SYK model in real time</i>
15:20 – 15:45	David Pascual Solis <i>Dissipation and the fate of chaos in a cavity-QED SYK model</i>
15:45 – 16:15	Coffee Break
16:15 – 16:40	Naga Dileep Varikuti <i>Deep thermalization and measurements of quantum resources</i>
16:40 – 17:20	Pietro Brighi <i>Dynamics and phase transitions in non-reciprocal quantum matter</i>
17:20 – 18:00	Federico Roccati <i>Diagnosing non-Hermitian many-body localization and quantum chaos via singular value decomposition</i>
19:30	Social Dinner Caprizza - via Roma 50

Tuesday September 15

09:00 – 09:40	Stefan Rotter <i>The flow of energy and Fisher information in complex media</i>
09:40 – 10:20	Iacopo Carusotto <i>Quantum fluids of light</i>
10:20 – 10:45	Pietro Pelliconi <i>Monitoring low-rank SYK in a dissipative cavity: photon loss, quantum chaos, and quantum trajectories</i>
10:45 – 11:25	Coffee Break
11:25 – 12:05	Federico Balducci <i>Finite steady-state currents and multipole skin effects challenge non-Hermitian localization</i>
12:05 – 12:30	Alberto Biella <i>Collective dynamics in spin chains with constrained dissipation</i>
12:30 – 14:30	Lunch + Discussion
14:30 – 15:10	Leonardo Ricci <i>Two steps aside: From quantum to classical (experimental) chaos</i>
15:10 – 15:50	Chiara Capecci <i>Resisting chaos: quantum resources and noise in quantum annealing</i>
15:50 – 16:30	Coffee Break
16:30 – 16:55	Leela Ganesh Chandra Lakkaraju <i>Observable signatures of exceptional points from left-right eigenstate distinction</i>
16:55 – 17:35	Alessandro Silva <i>Quantum many-body scars under measurement and dissipation</i>
17:35 – 20:00	Discussion



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