Contribution ID: **100** Type: **Poster**

Beers and Posters: Day 1

Monday, 28 September 2020 19:30 (1h 30m)

- P1 - Gianluca Passarelli (University of Naples)
  Variational counterdiabatic driving of the ferromagnetic p spin model
- P2 - Enrico Rebufello (Istituto Nazionale di Ricerca Metrologica and Politecnico di Torino)
  Irreversibility in unitary quantum homogeneisation: Theory and Experiment
- P3 - Rolando Ramirez Camasca (University of Sao Paulo)
  Memory kernel and Divisibility of Gaussian Collisional Models
- P4 - Jishnu Rajendran (Università degli Studi di Catania)
  Detection of virtual photons in superconducting architectures
- P5 - Luca Pezzé
  A Quantum Phase Estimation Algorithm with Gaussian Spin States
- P6 - Federico Roccati (UNIPA)
  Quantum correlations in a gravitational classical-channel model
- P7 - Shubhayan Sarkar (Centre for Theoretical Physics, Polish Academy of Sciences)
  Certification of incomaptible measurements and entangled subspaces using quantum steering
- P8 - Giovanni Scala (BA)
  Entanglement witnesses: overview of the technique and a new construction
- P9 - Vikash Mittal (Indian Institute of Science Education & Research (IISER) Mohali)
  Persistence of Topological Phases in Non-Hermitian Quantum Walks
- P10 - Mark Mitchinson (Trinity College Dublin)
  In situ thermometry of a cold Fermi gas via dephasing impurities
- P11 - Kengo Matsuyama (Hiroshima university)
  Joint measurement of non-classical correlations
- P12 - Muzzamal Shaukat (Instituto de Telecomunicacoes, Lisbon, Portugal)
  Dark Soliton Qudits: A novel Quantum Information Platform in Bose-Einstein condensates
- P13 - Owidiusz Makuta (Centre for Theoretical Physics, Polish Academy of Sciences)
  Genuinely entangled, stabilised subspaces
- P14 - Mahshid Khazei Shadfar
  Witnessing non-Markovian effects of quantum processes through Hilbert-Schmidt speed
- P15 - Filippo Vincentini (EPFL)
  Variational neural network ansatz for steady-states in open quantum systems
- P16 - Shashank Gupta (S. N. Bose National Centre for Basic Sciences)
  Distillation of Genuine Tripartite Quantum Steering
- P17 - Andreas Geißler (School of Physics and Astronomy, University of Nottingham)
  Localization effects in the disordered two-dimensional Bose-Hubbard-model
- P18 - Sergey Filippov (Moscow Institute of Physics and Technology, Steklov Mathematical Institute of Russian Academy of Sciences)
  Machine learning non-Markovian quantum dynamics
- P19 - Donato Farina (Scuola Normale Superiore di Pisa)
  Going beyond Local and Global approaches for localized thermal dissipation

- P20 - Chandan Datta (Centre of New Technologies, University of Warsaw)
  Resolution of incoherent sources beyond the Rayleigh limit by array homodyning
- P21 - Eloisa Cuestas (National Council of Scientific Research of Argentina and National University of Cordoba)
  Fermionic versus bosonic behavior of confined Wigner molecules
- P22 - Marco Cattaneo (IFISC (CSIC-UIB) and University of Turku)
  Efficiently simulable Multipartite Collision Model reproducing any Markovian master equation
- P23 - Claudio Bonizzoni (Istituto Nanoscienze CNR - Sezione S3 di Modena)
  Storage and retrieval of microwave pulses with molecular spin ensembles
- P24 - Bihalan Bhattacharya (S. N. Bose National Centre for Basic Sciences)
  Generating and detecting bound entanglement in two-qutrits using a family of indecomposable positive maps

Session Classification: Beers and Posters