

Poster Session 1: Monday, 11 July, 17:00 h (CEST)

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| 1 | Konstantin Beyer | Joint Measurability in Non-equilibrium Quantum Thermodynamics |
| 2 | Some Sankar Bhattacharya | Quantum Theory is Exclusive: A Distributed Computing Setup |
| 3 | Jan Lennart Bönsel | Spin Squeezing Inequalities Meet Randomized Measurements |
| 4 | Giacomo Carrara | Genuine Multipartite Entanglement is not a Precondition for Secure Conference Key Agreement |
| 5 | Thomas Cope | Average Dimensionality of Quantum Measurements |
| 6 | Pedro Cruz | Testing Complementarity on a Transmon Quantum Processor |
| 7 | Bruna Gabrielly de Moraes Araújo | Local Quantum Overlapping Tomography |
| 8 | Sophia Denker | Constructing Entanglement Witnesses Based on the Schmidt Decomposition of Operators |
| 9 | Sébastien Designolle | Quantifying Measurement Incompatibility of Mutually Unbiased Bases |
| 10 | Tran Duc (Online) | Quantum Nonlocality on the Quantum Circuit |
| 11 | Sophie Egelhaaf | Multipartite High-Dimensional Quantum Steering |
| 12 | Regina Finsterhoelzl | Benchmarking Quantum Error Correcting Codes on Near-term Devices |

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| 13 | Mariami Gachechiladze | Quantum Bell Inequalities from Information Causality - Tight for Macroscopic Locality |
| 14 | Alexander Geng | A Robust Quantum Image Edge Detector for Noisy Superconducting Quantum Processors |
| 15 | Satoya Imai | Work Fluctuations and Entanglement in Quantum Batteries |
| 16 | Benjamin Jones | High-dimensional Measurement Incompatibility and Steering |
| 17 | Hermann Kampermann | POVM Based Coherence |
| 18 | Matthias Kleinmann | Dynamic Theories in Phase Space: The Case of the Hydrogen Atom |
| 19 | Tulja Varun Kondra | Entanglement Catalysis for Quantum States and Noisy Channels |
| 20 | Tristan Kraft | Transformations in Quantum networks via local operations assisted by finitely many rounds of classical communication |
| 21 | Kimmo Luoma | Non-Markovian Quantum Dynamics in Strongly Coupled Multimode Cavities Conditioned on Continuous Measurement |
| 22 | Andrea Matic | Radiological Image Classification Using Hybrid Quantum-classical Convolutional Neural Networks |
| 23 | Somayeh Mehrabankar | Two-mode Gaussian States as Resource of Secure Quantum Teleportation in Open Systems |
| 24 | Arindam Mitra (Online) | Compatibility of Quantum Instruments |

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25 Andrey Moskalenko
(Online)

**Electro-optic Sampling of Quantum Fields:
Back Action and Weak Measurement Regime**