

## **Poster Session 1 – 25 August – 5.10 PM**

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|---|---------------------------|--|
| 1 | Meritxell Cabrejo Ponce   | <b>Toward High-Dimensional Frequency Entanglement Certification for Quantum Information Processing</b> |
| 2 | Radhakanta Dash           | <b>Finite Element Method Modeling of an Optical Ring Resonator</b>                                     |
| 3 | Jacob Hastrup             | <b>Generation of Optical Gottesman-Kitaev-Preskill States with Cavity QED</b>                          |
| 4 | Alisa Javadi              | <b>Ultra-bright Source of Coherent Single Photons</b>  |
| 5 | Fatemeh Khastehdel Fumani | <b>Quantum Correlations in the Spin-1/2 XXZ Chain with Modulated Dzyaloshinskii-Moriya Interaction</b> |
| 6 | Gregor Pieplow            | <b>Aspects of the Generation of Cluster States with Group-4 vacancies in Diamond</b>                   |