

# Spectral Two-Photon Quantum Interference via Electro-optic Modulation Between Light States Of Different Photon Statistics

*Tuesday, 30 August 2022 18:25 (10 minutes)*

Frequency-domain two-photon quantum interference between a thermal field and a heralded-state is studied theoretically and experimentally, revealing the dependency of visibility on the multiphoton components within the heralded-state.

**Primary authors:** KHODADAD KASHI, Anahita (Institute of Photonics, Leibniz University, Hannover); KUES, Michael (Institute of Photonics, Leibniz University, Hannover)

**Presenter:** KHODADAD KASHI, Anahita (Institute of Photonics, Leibniz University, Hannover)

**Session Classification:** Postdeadline Session