## 24th Australian Institute of Physics Congress



Contribution ID: 437 Type: Talk (preferred)

## Resonant Spectroscopy of Blue Quantum Emitters in Hexagonal Boron Nitride

Tuesday 13 December 2022 14:30 (15 minutes)

Characterisation of spectral properties of blue SPEs in hBN at cryogenic temperatures. High-yield fabrication allows for extensive study of this defect class. Resonant excitation revealed phonon-broadened linewidth as well as Rabi oscillations.

**Author:** HORDER, Jake (University of Technology Sydney)

**Presenter:** HORDER, Jake (University of Technology Sydney)

Session Classification: Australian and New Zealand Conference on Optics and Photonics

Track Classification: ANZCOP: ANZCOP: Quantum optics