24th Australian Institute of Physics Congress



Contribution ID: 532 Type: Talk (preferred)

Insight into the nature of blue emitters in hexagonal Boron Nitride via Stark effect

Wednesday 14 December 2022 15:00 (15 minutes)

Stable single photon quantum emitters in hexagonal Boron Nitride (hBN) can be deterministically created in the material and consistently emit at 436 nm wavelength. This work conducted Stark effect measurements on a number of blue emitters to investigate their nature.

Primary author: ZHIGULIN, Ivan

Presenter: ZHIGULIN, Ivan

Session Classification: Conference on Optoelectronic and Microelectronic Materials and Devices

Track Classification: COMMAD: Emerging materials: 2D, oxide, organic, and perovskite materials