24th Australian Institute of Physics Congress



Contribution ID: 368 Type: Talk (preferred)

High performance HgCdTe Infrared Photodetectors for Sensing Applications

Monday 12 December 2022 16:30 (15 minutes)

We present high performance HgCdTe infrared photodetectors for sensing applications in the mid-wave spectral band of 3~5 µm based on the n-on-p technology.

Author: DEHDASHTI, Nima (University of Western Australia)

Co-authors: UMANA-MEMBRENO, Gilberto A. (University of Western Australia); ANTOSZEWSKI, Jarek (University of Western Australia); FARAONE, Lorenzo (University of Western Australia); GU, Renjie (University of Western Australia)

Presenter: DEHDASHTI, Nima (University of Western Australia)

Session Classification: Conference on Optoelectronic and Microelectronic Materials and Devices

Track Classification: COMMAD: Photonic integrated circuits, semiconductor lasers, LEDs, photodetectors, and modulators