24th Australian Institute of Physics Congress



Contribution ID: 267

Type: Invited talk

High-Power Mid-IR Quantum Cascade Lasers grown by MOCVD

Monday 12 December 2022 14:00 (30 minutes)

The growth of QCLs requires an understanding of the interfacial properties of the superlattice (SL) active region. Atomic probe tomography is used to elucidate the interfacial properties within the QCL, and incorporate these observed properties into advanced QCL designs.

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Session Classification: Conference on Optoelectronic and Microelectronic Materials and Devices

Track Classification: COMMAD: COMMAD: Materials and device characterisations