



Contribution ID: 362

Type: **Talk (preferred)**

MBE growth and mechanical properties of HgCdSe infrared materials

Monday 12 December 2022 12:00 (15 minutes)

We report high-quality MBE growth and a mechanical property study of HgCdSe layers on GaSb (211) substrates. Both the crystal quality and the mechanical properties of HgCdSe have been demonstrated to be comparable to those of HgCdTe

Author: MA, Shuo

Co-authors: Prof. FARAONE, Lorenzo (The University of Western Australia); Prof. MARTYNIUK, Mariusz (The University of Western Australia); Prof. LEI, Wen (The University of Western Australia); Dr PAN, Wenwu (The University of Western Australia); ZHANG, Zekai

Presenter: MA, Shuo

Session Classification: Conference on Optoelectronic and Microelectronic Materials and Devices

Track Classification: COMMAD: COMMAD: Semiconductor materials, devices, and technologies