

Session Program

27 September 2026 to 2 October 2026

GADEST 2026

GeSn Special Session - LASTSTEP Project

GADEST 2026 - San Servolo Island, Venice (Italy)

Tuesday 29 September

13:40

GeSn Special Session - LASTSTEP Project

Session | Location: Auditorium Hall

13:40-14:20 **GeSn Semiconductors: A Tale of Defects and Devices**

Speaker

Oussama Moutanabbir

14:20-14:40 **Material and Design Trade-offs in GeSn-Based MQW Lasers on Silicon**

Speaker

Dan Buca

14:40-15:00

Room-Temperature Optical Gain Analysis in Biaxially Strained Bulk GeSn for Mid-Infrared Silicon Photonics

Speaker

Zoran Ikonc

15:00-15:20 **MBE Growth of Sn/Ge MQW Structures**

Speaker

Michael Oehme

15:20-15:40

Germanium tin on insulator, a suitable platform for electrically driven Mid-IR emitters and detectors

Speakers

Mr Antonin Macquart, Moustapha EL Kurdi

15:40