

Session Program

27 September 2026 to 2 October 2026

GADEST 2026

Group IV for Photonics

GADEST 2026 - San Servolo Island, Venice (Italy)

Monday 28 September

10:40

Group IV for Photonics

Session | Location: Auditorium Hall

10:40-11:20

All-silicon telecom photodetectors via ion-beam engineering for photonic integration

Speaker

Yonder Berencén

11:20-11:40

SiGe Forward-Reverse linearly graded buffers for mid-infrared photonics

Speaker

Jacopo Frigerio

11:40-12:00

GeSn Waveguide Photodetectors for Next-Generation Silicon Photonics

Speaker

Guo-En Chang

12:00-12:20

Emergent optical and transport phenomena in hyperdoped n-type Ge

Speaker

Giulia Maria Spataro

12:20-12:40

Controlled surface cleaning of MACE-nanotextured Ge for cost-efficient high-performance UV-SWIR photodetection

Speaker

Mariia Terletskaia

12:40