

Session Program

27 September 2026 to 2 October 2026

GADEST 2026

Group IV: Hyperdoping and Defects

GADEST 2026 - San Servolo Island, Venice (Italy)

Monday 28 September

08:30

Group IV: Hyperdoping and Defects

Session | Location: Auditorium Hall

08:30–09:10

Tuning superconductivity in ultra-doped Si and SiGe epilayers with Nanosecond Laser Doping

Speaker

Francesca Chiodi

09:10–09:30

Combination of layer deposition and pulsed UV laser annealing for thin GeSn:Sb layers hyperdoping

Speaker

Dr Richard Daubriac

09:30–09:50

Defect characterization in monolithic integrated Ge-on-Si layers grown by Low-Energy Plasma-Enhanced Chemical Vapour Deposition

Speaker

Afonso de Cerdeira Oliveira

09:50–10:10

Hyperdoped and Highly Strained Ge:Sb layers by Pulsed Laser Melting for Next-Generation Germanium Crystalline Gamma-Ray Sources

Speaker

Francesco Sgarbossa

10:10