

Session Program

27 September 2026 to 2 October 2026

GADEST 2026

Silicon Carbide

GADEST 2026 - San Servolo Island, Venice (Italy)

Tuesday 29 September

08:30

Silicon Carbide

Session | Location: Auditorium Hall

08:30–09:10 **Defects identification, testing and screening for reliable SiC devices**

09:10–09:30

SiC color centers for quantum sensing: an Electro-Luminescence based approach for their investigation

Speaker

Dr Giorgio Migliore

09:30–09:50

Benchmarking single Er³⁺ coherence in Silicon Carbide on Insulator-based micropillars

Speaker

Alexey Lyasota

09:50–10:10

Exploring erbium quantum emission in CMOS compatible hexagonal Silicon Carbide on Insulator photonics

Speaker

Prof. Stefania Castelletto

10:10