

Session Program

27 September 2026 to 2 October 2026

GADEST 2026

Silicon, germanium and their alloys I

GADEST 2026 - San Servolo Island, Venice (Italy)

Tuesday 29 September

10:40

Silicon, germanium and their alloys I

Session | Location: Auditorium Hall

10:40-11:20 **Gate-defined quantum circuits in silicon-germanium heterostructures**

Speaker

Dominique Bougeard

11:20-11:40 **UV-nanosecond laser hyperdoping of Ge/Si and SiGe/Si epilayers**

Speaker

Benedetta Scandolara

11:40-12:00 **Crystallization of Sn-rich Si and Ge thin films by flash lamp annealing**

Speaker

Lars Rebohle

12:00-12:20

Ex-situ incorporation of Al in Ge by sputter deposition and pulsed laser melting: a new approach to fabricate hyper-doped Ge:Al alloys.

Speaker

Enrico Di Russo

12:20-12:40 **Positron trapping in highly p-type Ge**

Speaker

Pejk Amoroso

12:40