

Session Program

27 September 2026 to 2 October 2026

GADEST 2026

Alternative Semiconductor Devices

GADEST 2026 - San Servolo Island, Venice (Italy)

Monday 28 September

13:40

Alternative Semiconductor Devices

Session | Location: Auditorium Hall

13:40-14:20 **QSOI®: a platform for large scale quantum integrated circuits**

Speaker

Bruna Cardoso Paz

14:20-14:40 **Cryogenic SiGe Transistors based on Modulation Acceptor Doping**

Speaker

Dr Masiar Sistani

14:40-15:00

Non-volatile reconfigurable Al-Si transistors via ferroelectrically modulated Schottky barriers

Speaker

Daniele Nazzari

15:00-15:20

Hydrogen migration in ALD-grown dielectrics for silicon surface passivation

Speaker

Sophie Pain

15:20-15:40

Engineering Ultrasmooth Sub-Nanometer Interlayers via Chemical Modulation for Suppression of Interface Defects in Advanced Si/HfO₂ MOS Technology

Speaker

Mr Yu-Chen Chang

15:40