

Session Program

27 September 2026 to 2 October 2026

GADEST 2026

Silicon for Photovoltaics and Microelectronics

GADEST 2026 - San Servolo Island, Venice (Italy)

Friday 2 October

08:30

Silicon for Photovoltaics and Microelectronics

Session | Location: Auditorium Hall

08:30-08:50

Photoexcited muon spin spectroscopy for studying bulk, surface, and temperature-dependent carrier recombination in silicon wafers and solar cells

Speaker

John Murphy

08:50-09:10

Investigation of Pinholes Opening in Silicon Solar Cell Passivated Contacts Induced by Pulsed Laser Annealing

Speaker

Gianmarco Puggioni

09:10-09:30

Impact of metallic contamination and gettering in bipolar technologies

Speaker

Dr Alexandra Abbadie

09:30-09:50

Agglomeration of Ni(Pt)Si thin films: redistribution of Pt

Speaker

Dr Dominique Mangelinck

09:50-10:10

Diffusion and gettering mechanism of critical metals in 300mm silicon substrates

Speaker

Oceane Fevrier

10:10-10:30

TEM analysis of Textured Silicon Polymorph Crystals obtained via Nanoindentation and Annealing

Speaker

Antonio Massimiliano Mio

10:30