

Session Program

17-21 Sept 2017



EUCAS 2017

3E02 - Super conducting Photon Dectetors

Geneva, CIG

Wednesday 20 September

15:50

3EO2 - Super conducting Photon Dectetors

Session | Location: Geneva, CIG Room 3+4

15:50-16:05

3EO2-01 Superconducting Nanowire Single-Photon Detector as a Key Element for Quantum Photonic Integrated Circuits

Speaker

Gregory Goltsman

16:05-16:20

3EO2-02 Bistable 10 nm thick YBa₂Cu₃O_{7-δ} nanowires as new materials for single photon detectors

Speaker

Riccardo Arpaia

16:20-16:35

3EO2-03 Photoresponse of La_{1.85}Sr_{0.15}CuO₄ nanostrip

Speaker

Hiroyuki Shibata

16:35-16:50

3EO2-04 Optically probing the detection mechanism in a molybdenum silicide superconducting nanowire single-photon detector

Speaker

Misael Caloz

16:50-17:05

3EO2-05 THz Heterodyne Detectors Based on MgB₂ Thin Films

Speaker

Boris Karasik

17:05-17:20

3EO2-06 Kinetic inductance bolometer arrays for security screening applicatoins

Speaker

Juha Hassel

17:20-17:35

3EO2-07 SNSPD Array Based on MgF₂ Substrate for Laser Ranging of Targets in Space

Speaker

Labao Zhang

17:35-17:50

3EO2-08 Realization of the Resonant Cold-Electron Bolometer (RCEB) with a Kinetic Inductance Nanofilter for Multichroic Pixels

Speaker

Leonid Kuzmin

18:05