Session Program

17–21 Sept 2017

EUCAS 2017

Poster : 3EP2 - Nano wire detectors and content information processing

Geneva, CICG

Wednesday 20 September

13:30

Poster : 3EP2 - Nano wire detectors and content information processing

Poster Session | **Location:** Geneva, CICG

3EP2-01 Superconducting Single Photon Detector with the Capability of Photon-number Resolving and Photon Positioning

Speaker
Xu Tao

3EP2-02 High Sensitivity Superconducting Nanowire Single Photon Detector Integrated with Distributed Bragg Reflector

Speaker
Yajun Chen

3EP2-03 Local and geometric timing jitter in superconducting nanowire single-photon detectors

Speaker
Alexej Semenov

3EP2-05 Comparison of superconducting nanowire single photon detectors made of NbTiN and NbN thin films

Speaker
Xiaoyan Yang

3EP2-06 Internal boundary conditions for elastic fluxon scattering at circuit interfaces

Speaker
Waltraut Wustmann

3EP2-08 Current dependence of the hot-spot response spectrum of superconducting single-photon detectors with different layouts

Speaker
Ilya Charaev

3EP2-09 Uniformity Analysis of Nanowires with Elemental Imaging

Speaker
Xiaoqing Jia

3EP2-10 Quasi-gated source for superconducting nanowire single-photon detector

Speaker
Xiaoqing Jia

3EP2-11 Free-Space-Coupled Superconducting Nanowire Single Photon Detector Integrated with Distributed Bragg Reflector

Speaker
Yajun Chen

3EP2-12 Superconducting components for quantum-information processing

Speaker
Elena Zhitlukhina

3EP2-13 Superconducting nanowire avalanche photodetector made of amorphous molybdenum silicide material

Speaker
Misael Caloz

3EP2-14 Kinetic Inductance of Ultra-thin Magnesium Diboride Nanowires

Speaker
Thomas Melbourne

3EP2-15 Ultrafast photon-number-resolving detectors for NIR operating at 4.2 K

Speaker
Ekkehart Schmidt

3EP2-16 One-dimensional p-wave superconductor toy-model for Majorana fermions in multiband semiconductor nanowires

Speaker
Durval Rodrigues Jr.

3EP2-17 Read-out Circuit Based on SFQ Logic Circuit for Photon-Number-Resolving SNSPD Array

Speaker
Hiroaki Myoren

3EP2-18 Fast and high efficiency superconducting nanowire single photon detector at 630 nm

Speaker
Heqing Wang

15:30