

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 4EP2 - Josephson Junctions and devices

Geneva, CIGG

Thursday 21 September

10:15

Poster : 4EP2 - Josephson Junctions and devices

Poster Session | Location: Geneva, CICC

4EP2-04 Metrology for Single Flux Quantum Electronics

Speaker

Adam Sirois

4EP2-07 Fabrication and evaluation of hetero-epitaxial multilayer for Nb/AlN/Nb junctions

Speaker

Yasuhiro Odashima

4EP2-08 Circuit Modification and Parameters Optimization for a High Frequency RSFQ T1FF

Speaker

Tahereh Jabbari

4EP2-09 Josephson junctions arrays of alternating S and N film parts

Speaker

Nikolay Kolotinskiy

4EP2-10 Resonances and phase locking in Josephson high-Q circuits

Speaker

Nikolay Kolotinskiy

4EP2-11 High-Tc Josephson junctions as quasiclassical THz detectors

Speaker

Yuriy Divin

4EP2-12 Focused He+-Ion Beam Irradiated High Tc Josephson Junctions

Speaker

Francois Couedo

4EP2-13 Restoration of Josephson Current by Applying Vertical Magnetic Field

Speaker

Atsushi Suzuki

4EP2-14 Terahertz emission from electrode structure optimized Bi-2212 intrinsic Josephson junctions

Speaker

Teppei Uchida

4EP2-15 Josephson standards for a new AC quantum voltage infrastructure (in the scope of the ACQ-PRO EMPIR project)

Speaker

Paolo Durandetto

4EP2-16 Modulation characteristics of a Josephson current through Nb tunnel junction by a parallel magnetic field and a perpendicular magnetic field**Speaker**

Norimichi Watanabe

4EP2-17 Measurement of Specific Capacitance for Nb/Al-AlO_x/Nb Josephson Tunnel Junctions**Speaker**

Xiong Wei

4EP2-18 Measurement of thickness dependence of superconductivity in epitaxial NbN films**Speaker**

Zhang Qiyu

4EP2-21 Quantum memcapacitance with transmon-resonator system**Speaker**

Denys Karpov

4EP2-22 Josephson quantum DAC based on binary divided 1-V SNIS array**Speaker**

Bruno Trinchera

4EP2-23 Critical current scattering in series arrays of HTS SQUIDs based on ion-damaged barrier Josephson junctions**Speaker**

Denis Cr    

4EP2-24 Megahertz Waveform Synthesis with the Josephson Arbitrary Waveform Synthesizer**Speaker**

Justus Brevik

12:15