

Session Program

17-21 Sept 2017



EUCAS 2017

2E02 - Novel Devices and concepts

Geneva, CIG

Tuesday 19 September

10:15

2EO2 - Novel Devices and concepts

Session | Location: Geneva , CIG - Room 3+4

10:15-10:45

2EO2-01 Controllable transfer of spin-polarized Cooper pairs into a half-metal manganite

Speaker

Jason Robinson

10:45-11:00

2EO2-02 Road to scalable superconducting phase memory devices

Speaker

Sergey Bakurskiy

11:00-11:15

2EO2-03 Superconducting spintronics with high-temperature superconductors

Speaker

Angelo Di Bernardo

11:15-11:30

2EO2-04 Non-monotonic temperature dependence of magnetoresistance in Nb-Ni-Nb planar junctions below superconducting transition

Speaker

Ekta Bhatia

11:30-11:45

2EO2-05 Signatures of unconventional superconductivity in oxide based 2DEG

Speaker

Daniela Stornaiuolo

11:45-12:00

2EO2-06 Phase dynamics and macroscopic quantum phenomena in hybrid Josephson junctions

Speaker

Davide Massarotti

12:00-12:15

2EO2-07 Quantum Voltage Standard Developments at NIST

Speaker

Sam Benz

12:15