

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 1EP2 - Detectors, sensors and other devices

Geneva, CIG

Monday 18 September

13:30

Poster : 1EP2 - Detectors, sensors and other devices

Poster Session | Location: Geneva, CIG

1EP2-03 Characterizing Thick Electroplated Bismuth Films as Hard X-ray TES Absorbers

Speaker

Lisa Gades

1EP2-04 Influence of YBaCuO ultrathin film characteristics and front end features on HEB THz mixer performance

Speaker

Alain Kreisler

1EP2-05 Hybrid superconducting mesa-structure with spin filtering manganite interlayer

Speaker

Kare'n Constantinian

1EP2-06 MgB₂ films for superconducting detectors

Speaker

Sergey Cherednichenko

1EP2-08 Phase-Slip Events in MoRe-Si(W)-MoRe heterostructures

Speaker

Pascal Febvre

1EP2-09 Frequency Response Characteristics Analysis of High Detectivity Backside Illuminated Free-Membrane Type IR Superconducting Bolometer

Speaker

Roya Mohajeri

1EP2-10 The Characteristics of THz Metamaterials based on YBCO Superconductor

Speaker

Chiu-Hsien Wu

1EP2-11 Progress of pulse-driven AC Josephson voltage standards at PTB

Speaker

Johannes Kohlmann

1EP2-12 High-temperature superconducting nano-meanders made by high energy ion irradiation

Speaker

Paul Amari

1EP2-14 Transition Edge Sensors for Quench Localisation in SRF Cavity Testing

Speaker

Tobias Stegmaier

1EP2-15 Development of transition edge sensors for the application in real-time multispectral-fluorescence-microscopy**Speaker**

Katja Peiselt

1EP2-16 Superconducting noise bolometer with microwave bias and readout for terahertz array applications**Speaker**

Artem Kuzmin

1EP2-17 Effects of thermal parameters and boundary resistances of MgO substrate on the response of YBCO transition edge bolometers**Speaker**

Rana Nazifi Takantapeh

1EP2-18 Design and Optimization of a Terahertz Metamaterial Absorber for YBCO Superconductive Transition Edge Bolometer**Speaker**

Fatemeh Qaderi

1EP2-19 Focused He⁺-Ion Beam High Temperature Superconducting narrow nanowires**Speaker**

Cheryl Feuillet-Palma

1EP2-20 Self-Monitoring, "SMART" REBCO coated conductors**Speaker**

Federico Scurti

1EP2-21 Proximity induced superconducting properties in high mobility two-dimensional electron gas quantum well in In_{0.75}Ga_{0.25}As heterostructures**Speaker**

Kaveh Delfanazari

1EP2-22 Noise temperature characterisations of YBCO step-edge junction terahertz mixer operating at temperatures above 40 K**Speaker**

Jia Du

15:30