

## **Session Program**

**17-21 Sept 2017**



## **EUCAS 2017**

***Poster : 4EP1 - SQUID Applications and detectors***

Geneva, CIG

# Thursday 21 September

10:15

## Poster : 4EP1 - SQUID Applications and detectors

Poster Session | Location: Geneva, CIG

### 4EP1-01 Scaling Properties of YBCO SQAs

**Speaker**

Susan Berggren

### 4EP1-02 Towards practical HfTi-nanoSQUID sensors

**Speaker**

Sylke Bechstein

### 4EP1-03 X-ray absorption fine structure spectrometer with superconducting-tunnel-junction array detector for light element impurities in heat resistant steels

**Speaker**

Masataka Ohkubo

### 4EP1-04 Hot electron bolometer mixer for operation in the mid-infrared region

**Speaker**

Akira Kawakami

### 4EP1-05 Production of HTS-SQUID magnetometer with ramp-edge junctions exhibiting lowered noise in ac biasing mode

**Speaker**

Seiji Adachi

### 4EP1-07 Fabrication and Characterization of large High-Tc Superconducting Quantum Interference Filters

**Speaker**

Emma Mitchell

### 4EP1-09 Design Map for bi-SQUIDs

**Speaker**

Nikolay Kolotinskiy

### 4EP1-10 Static and Radiofrequency magnetic response of High TC Superconducting Quantum Interference Filters made by ion irradiation

**Speaker**

Eliana Recoba Pawlowski

### 4EP1-11 A practical SQUID system with two-stage readout scheme

**Speaker**

Guofeng Zhang

### 4EP1-12 Practical-SQUID current sensors with nanometer-sized Nb-AlO<sub>x</sub>-Nb Josephson junctions

**Speaker**

Jan-Hendrik Storm

### 4EP1-13 Parameters characterization of all-NbN DC-SQUID magnetometer

**Speaker**

Liu Quansheng

**4EP1-14 Development of Microwave Kinetic Inductance Detectors with YBCO Spiral Resonators****Speaker**

Seiichiro Ariyoshi

**4EP1-15 Superconducting Imager by means of a Delay Line Current-Biased Kinetic Inductance Detector****Speaker**

Takekazu Ishida

**4EP1-16 Low-Noise Series SQUID Array Amplifiers for****Speaker**

Robin Cantor

**4EP1-17 Fe(Se,Te) Josephson junctions, dc-SQUIDs and nanostrips****Speaker**

Carlo Ferdeghini

**4EP1-18 Investigation of three-dimensional digital circuits with nanometer Josephson junctions made by Focused Ion Beam****Speaker**

Pascal Febvre

**4EP1-19 Investigation of the Harmonic Mixer and Low Frequency Converter Regimes in a Superconducting Tunnel Junction****Speaker**

Konstantin Kalashnikov

**4EP1-20 Development of the devices for non-destructive testing based on SQUID systems.****Speaker**

Konstantin Kalashnikov

12:15