

## **Session Program**

**17-21 Sept 2017**



## **EUCAS 2017**

### ***3MO3 - Cuprate Thin films***

Geneva, CIG

# Wednesday 20 September

15:50

## 3M03 - Cuprate Thin films

Session | Location: Geneva , CIG Room 2

15:50-16:05

### 3M03-01 Surface diffusion constants and supersaturations in SmBCO films prepared by pulsed laser deposition method at various deposition conditions

**Speaker**

Yusuke Ichino

16:05-16:20

### 3M03-02 Transport properties and granular properties relation in YBCO and composite YBCO films determined by means of synchrotron X-ray diffraction

**Speaker**

Andrea Augieri

16:20-16:35

### 3M03-03 Mechanisms of novel transient liquid assisted growth for ultrafast production of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> thin films

**Speaker**

Laia Soler Bru

16:35-16:50

### 3M03-04 Preparation of superconducting GdBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub>-BaHfO<sub>3</sub> nanocomposite films by CSD with improved electrical performances

**Speaker**

PABLO CAYADO

16:50-17:05

### 3M03-05 Influence of granularity on the local transport properties in pure and BaHfO<sub>3</sub> doped YBCO films on technical templates

**Speaker**

Ruben Hühne

17:05-17:20

### 3M03-06 Ionic liquid gating of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> grain boundaries

**Speaker**

Alexandre Fête

17:20-17:35

### 3M03-07 Study of Tl(1223) superconducting coatings for beam impedance mitigation in the Future Circular Collider

**Speaker**

Dr Emilio Bellingeri

17:35-17:50

### 3M03-08 Development of a fluorine-free polymer-assisted-deposition route for YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> superconducting films

**Speaker**

Mircea Nasui

17:50-18:05

**3M03-09 Control of  $J_c$  anisotropy in REBCO thin film with nanoscale Y211 inclusions**

**Speaker**

Alok K. Jha

18:05