

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 3MP1 - Flux Pinning Cuprates

Geneva, CIG

Wednesday 20 September

13:30

Poster : 3MP1 - Flux Pinning Cuprates

Poster Session | Location: Geneva, CIG

3MP1-02 Flux pinning in REBCO-based coated conductors probed by correlation of J_c and N-value

Speaker

Mayraluna Lao

3MP1-03 Influence of antidots on transport characteristics of HTSC

Speaker

Anna Moroz

3MP1-04 Pinning, dissipation and anisotropy in nanostructured YBa₂Cu₃O_{7-x} from microwave measurements.

Speaker

Enrico Silva

3MP1-05 Tunable pinning effects produced by non-uniform antidot arrays in YBCO thin films

Speaker

Antony Jones

3MP1-06 Investigation of the longitudinal magnetic field effect in REBa₂Cu₃O_y films with various particulate artificial pinning centers

Speaker

Kazuki Sugihara

3MP1-07 Analysis of properties of 2G HTS tapes operating under DC magnetic field generated by permanent magnets

Speaker

Krzysztof Habelok

3MP1-08 Vortex Dynamics in SmBa₂Cu₃O_y Films with BaHfO₃ Nanorods as Correlated Artificial Pinning Centers

Speaker

Yuji Tsuchiya

3MP1-09 Physical Properties of Nanostructured, Liquid Assisted Grown, Epitaxial YBa₂Cu₃O_{7-x} Superconducting Films

Speaker

Juri Banchewski

3MP1-10 The post-annealing effect of GdBa₂Cu₃O_{7-δ} coated conductors on the pinning properties via a RCE-DR process

Speaker

Insung Park

3MP1-11 "Is Surface Decoration The New Black?" A Comparison Between Surface Decoration And Artificial Pinning Centers

Speaker
Achille Angrisani Armenio

3MP1-13 The effect of Nd₂O₃ addition on the magnetic properties of bulk single grain YBCO synthesized by Top Seeded Infiltration and Growth

Speaker
Talal A. Aljohani

3MP1-14 Universal Scaling Of The Self-Field Critical Current From Single-Atomic Layer To Millimetre-Scale Superconductors

Speaker
Evgeny Talantsev

3MP1-15 YBa₂Cu₃O_{7-x} nanocomposite films by CSD-ultrafast Transient Liquid Assisted Growth

Speaker
Júlia Jareño Cerulla

3MP1-18 The High-Field, Strain Dependence of the Critical Current in GdBa₂Cu₃O_{7-x} SuNAM Coated Conductors for Fusion Applications

Speaker
Jack Greenwood

3MP1-19 Influence of growth temperature and oxygen pressure on transport properties of BHO-doped REBCO(RE=Gd, Y) superconducting thin films

Speaker
Ruslan Popov

3MP1-20 Critical Current And Vortex Flux Pinning Properties in YBa₂Cu₃O_{7-x} Films with Ba₂YTaO₆ + Ba₂YNbO₆ Nano-inclusions By DC Transport And Microwave Measurements

Speaker
Anna Frolova

3MP1-21 Influence of micron range artificial defects on critical current of 2G HTS tapes

Speaker
Sergei Pokrovskii

3MP1-22 Critical current anisotropy in commercial coated conductors at higher temperatures

Speaker
Eugen Seiler

15:30