

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 1MP2 - Cuprate Thin Films 1/2

Geneva, CIG

Monday 18 September

13:30

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Poster Session | Location: Geneva, CIG

1MP2-01 Vortex pinning study on epitaxial YBa₂Cu₃O_{7-x} thin film grown on decorated MgO(001) single crystal substrates with La_{0.66}Sr_{0.33}MnO₃ nano-islands

Speaker

Traian Petrisor Jr.

1MP2-02 Ink-jet printing of low-fluorine YBCO nanocomposite thin films with preformed HfO₂ nanocrystals

Speaker

Hannes Rijckaert

1MP2-03 Double-sided inkjet printed YBCO films on CZO/YSZ buffered sapphire substrates

Speaker

Roxana Vlad

1MP2-05 Effects of Zr Doping on Magnetic and Structural Properties of DyBa₂Cu₃O_{7-d} Thin Films

Speaker

Yuri Aparecido Opata

1MP2-06 TFA-MOD (Y_{0.77}Gd_{0.23})Ba₂Cu₃O_y films on CeO₂ buffered R-Al₂O₃ substrates

Speaker

Keita Sakuma

1MP2-07 Microwave-assisted YBCO precursors: A fast and reliable method towards chemical precursors for superconducting thin films

Speaker

Hannes Rijckaert

1MP2-08 Preparation of YBa₂Cu₃O_{7-δ} and (La_{0.85}Sr_{0.15})₂CuO₄ multilayered structure for superconducting connection

Speaker

Yuhei Shimizu

1MP2-09 Preparation of YBa₂Cu₃O₇ - BaMO (M=Zr, Hf) superconductor nanocomposite using colloidal solution with preformed nanoparticles

Speaker

Ziliang Li

1MP2-10 The influence of seed layer on the structure and superconducting property of BaHfO₃ doped Y_{0.5}Gd_{0.5}Ba₂Cu₃O_{7-δ} film prepared by pulsed laser deposition

Speaker

Linfei Liu

1MP2-12 The phase stability diagram of $GdBa_2Cu_3O_{7-\delta}$ for the nominal composition and refinement of oxide inclusion in GdBCO films in low oxygen pressures**Speaker**

Insung Park

1MP2-13 Synthesis and characterization of $Y(1-x)Nd_xBa_2Cu_3O_{7-\delta}$ High Temperature Superconductors by Acetate Method**Speaker**

Marcelo Neves

1MP2-14 High growth rate of YBCO films by Transient Liquid Assisted Growth by oxygen partial pressure control**Speaker**

Silvia Rasi

1MP2-15 Impact of Humidity and the Additive 2,4-Pentanedione during the Pyrolysis of $Gd_{0.5}Y_{0.5}Ba_2Cu_3O_{7-x}$ Superconductors Prepared by Chemical Solution Deposition**Speaker**

Carl Buehler

1MP2-16 Role of Oxygen exchange kinetics in the engineering of carrier concentration of $YBa_2Cu_3O_{7-\delta}$ films**Speaker**

Alexander Stangl

1MP2-17 Effect of oxygen partial pressure during annealing process on the epitaxy of LZO buffer layer for coated conductors**Speaker**

Ping Ji

15:30