

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 1MP7 - Coated Conductors 1/2

Geneva, CIG

Monday 18 September

13:30

Poster : 1MP7 - Coated Conductors 1/2

Poster Session | Location: Geneva, CIGG

1MP7-01 The influence of laser energy density on microstructure and critical current of YGBCO and HGBCO films prepared by PLD

Speaker

Xiang Wu

1MP7-02 Development of textured YBa₂Cu₃O_{7-x} superconducting coated conductors by Fluorine-Free MOD Route

Speaker

Jingyuan Chu

1MP7-03 Enhanced flux pinning in TFA-MOD (Y_{0.77}Gd_{0.23})Ba₂Cu₃O_y+BaZrO₃ coated conductors by introducing an intermediate heat treatment

Speaker

Michio Sato

1MP7-05 Tactical approaches in pilot-line manufacturing of HTS coated conductors for high field magnet application

Speaker

Ulrich Betz

1MP7-06 Fabrication of HTS coated conductors via advanced high speed PLD process in Compact Pilot Line

Speaker

Alexander Usoskin

1MP7-07 Enhancement of flux pinning by random pinning centers at 4.2 K in BaHfO₃-doped SmBa₂Cu₃O_y coated conductors

Speaker

Shun Miura

1MP7-08 Effect of twin boundaries on the in-field J_c for TFA-MOD-(Y_{0.77}Gd_{0.23})Ba₂Cu₃O_y wires

Speaker

Ryota Oku

1MP7-10 Heating tolerance of critical current in industrial coated conductors

Speaker

Davide Uglietti

1MP7-12 Soldered contacts for HTS coated conductors

Speaker

Kai Ackermann

1MP7-13 Investigation Of Soldered Low-Resistance Joints For Commercial Coated Conductors Depending On Various Contact Pressures

Speaker
Pavel Degtyarenko

1MP7-14 Determination of irreversible strain and stress limits of practical REBCO CC tapes under uniaxial tension

Speaker
Hyung-Seop Shin

1MP7-15 Joint resistance characteristics of REBCO CC lap-joints using ultrasonic welding method in various temperatures and magnetic fields

Speaker
Mark A. Diaz

1MP7-17 Development of a reel-to-reel process for laser structuring of coated conductors

Speaker
Rainer Nast

1MP7-18 Increased pinning strength in 2nd generation REBCO coated conductors grown by liquid assisted processes.

Speaker
John Feighan

1MP7-19 Joining of second generation coated conductor tapes using a melt-texturing route

Speaker
Hagen Bryja

1MP7-20 Coated superconducting tape model based on distribution of currents between the tape layers. Computing implementation

Speaker
Alfredo Álvarez

1MP7-21 Correlation between resistances of face-to-face soldered joints and interface resistance between layers in superconducting tapes

Speaker
Nadezda Bagrets

1MP7-22 Coated conductor HTS tape for energy and magnet applications

Speaker
Markus Bauer

15:30