

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 4MP6 - Strain, Irradiation, Thermal Properties

Geneva, CICC

Thursday 21 September

10:15

Poster : 4MP6 - Strain, Irradiation, Thermal Properties

Poster Session | Location: Geneva, CIG

4MP6-01 Evaluation of actual delamination strength of REBCO coated conductors based on the Weibull analysis considering size effect

Speaker

Shogo Muto

4MP6-02 Thermal stability of commercially available coated conductors

Speaker

Alan Preuß

4MP6-03 Unusual thermal properties of nonsuperconducting PrBCO ceramics at low temperatures

Speaker

Mahieddine Lahoubi

4MP6-04 Thermal conductivity and dilatation of a Bi-2223/Ag (DI-BSCCO) superconducting wire laminated with Ni-alloy tapes

Speaker

Yuichi Yamada

4MP6-05 Investigation of light-weight material of cryogenic pipe for aviation application

Speaker

Masae Kanda

4MP6-06 Development of High-Strength BSCCO-2223 Tapes

Speaker

Kozo Osamura

4MP6-07 Application of DIC to extract full field stress-strain data of superconducting coils under thermal contraction

Speaker

Jorge Pelegrin

4MP6-08 Strain effect on quench characteristics of YBCO Coated Conductor

Speaker

Jiangtao Shi

4MP6-09 Structural modelling of REBCO CC tapes in TORT cables

Speaker

Eva Michalcová

4MP6-10 Bending-peeling method to measure interface strength of YBCO tape

Speaker

Peng Jin

4MP6-11 Delamination strength testing of commercial ReBCO tapes: climbing drum peel testing

Speaker
Nicholas Long

4MP6-12 Effect of mechanical loading on high temperature superconducting tapes during bending of round cables

Speaker
Marcela Pekarčíková

4MP6-13 Mechanical and thermal properties of All-CSD-YBCO superconducting tapes and joints

Speaker
Michael Baecker

4MP6-14 Electrical and Strain Behaviors of Solid Nitrogen and Conduction Cooled YBCO Coil under Thermal Disturbance and Overcurrent Pulse

Speaker
Liyuan Liu

4MP6-15 Ion-irradiation effect of microwave surface resistance of YBa₂Cu₃O_y thin films in magnetic field

Speaker
Shigetoshi Ohshima

4MP6-16 Effect of neutron irradiation on critical currents of some REBaCuO superconducting tapes considered for magnets of fusion reactors

Speaker
Miloš Jirsa

12:15