

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 4MP4 - Measurement Techniques 2/2

Geneva, CIG

Thursday 21 September

10:15

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Poster Session | Location: Geneva, CIG

4MP4-01 High current probe for gas flow $I_c(B,T)$ measurements with ± 0.01 K temperature precision: HTS current leads and active temperature compensation system

Speaker

Christian Barth

4MP4-03 Contactless verification of defects in 2G HTSC tapes with two-side superconducting layers

Speaker

Igor Rudnev

4MP4-04 Finite Element Calculation of the Critical current and Magnetic "Levitation" Force between a Permanent Magnet and a ZFC YBaCuO Sample in Mixed State

Speaker

Marcelo Neves

4MP4-05 Critical Current Density Transport Measurements on ITER Poloidal Field NbTi Strands from 3.5 to 8.0 K, in magnetic fields up to 8.0 T, using a Bespoke Probe

Speaker

Mark Raine

4MP4-06 Study of Precursor Solution Used For YBCO Films Chemical Solution Deposition: Solution Reactivity and Effects on Film Properties

Speaker

Valentina Pinto

4MP4-07 Investigation of REBCO Roebel Cable Irreversible Critical Current Degradation Under Transverse Pressure

Speaker

Jaakko Murtomäki

4MP4-08 International round robin test on critical current measurement of RE-Ba-Cu-O (RE=rare earth) superconducting tapes

Speaker

Gen Nishijima

4MP4-09 Simple Method to Fabricate Intrinsic Josephson Junction Device by Using Water-treatment Process

Speaker

Hiromi Tanaka

4MP4-10 Magnetic study of Nb micro-ring using attonewton-sensitivity dynamic cantilever magnetometer

Speaker
Jae-Hyuk Choi

4MP4-11 The interfacial thermal surface resistivity between the Nb-Ti filaments and the matrix in High-field multifilamentary composite wires

Speaker
Francis Ridgeon

4MP4-12 Research on Non-destructive Examination of bracket welds ITER In-Vessel Coils (IVC)

Speaker
Xiaochuan Liu

12:15