

Session Program

17-21 Sept 2017



EUCAS 2017

3MO2 - Magnetisation and Trapped Field

Geneva, CICC

Wednesday 20 September

10:15

3MO2 - Magnetisation and Trapped Field

Session | **Location:** Geneve, CICG Room 3+4

10:15-10:30

3MO2-01 Magnetic Flux Invasion and Field-Capturing in Pulsed-Field Magnetization for Layered MgB₂ Bulk Magnets

Speaker

Tetsuo Oka

10:30-10:45

3MO2-02 The successful incorporation of Ag into YBa₂Cu₃O₇ bulk superconductors

Speaker

Jasmin Congreve

10:45-11:00

3MO2-03 Towards optimisation of multi-pulse, multi-temperature pulsed field magnetisation of bulk high-temperature superconductors

Speaker

Mark Ainslie

11:00-11:15

3MO2-04 Progress in trapped field magnets made from stacks of coated conductor tape

Speaker

Anup Patel

11:15-11:30

3MO2-05 Magnetic Microscopy for Magnetic Relaxation in RE-123 Coated Conductor with DC Transport Current and External Magnetic Field

Speaker

Kohei Hisajima

11:30-11:45

3MO2-06 AC susceptibility analysis of coated conductor tapes

Speaker

Fedor Gömöry

11:45-12:00

3MO2-07 AC Losses of Roebel Cables with Striated 2G YBCO Strands

Speaker

Yifeng Yang

12:00-12:15

3MO2-08 A finite element analysis of flux pumping in high T_c superconductors

Speaker

Archie Campbell

12:15