

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 3LP6 - SMES and Combined devices

Geneva, CIG

Wednesday 20 September

13:30

Poster : 3LP6 - SMES and Combined devices

Poster Session | Location: Geneva, CIG

3LP6-01 Influences of Flux Diverter on Critical Current and Energy Storage Capacity of Mini-Size SMES Magnet Wound by 100-Meter-Class GdBCO Tape

Speaker
Jian-Xun Jin

3LP6-03 Development and experimental investigation of a pancake coil consisted of high temperature composite superconductor with spiral cooling channel

Speaker
Jiahui Zhu

3LP6-04 Test in strong background field of the first modular element of a REBCO 1MJ high energy density SMES

Speaker
Jeremie Ciceron

3LP6-05 Research on the Application of Superconducting Magnetic Energy Storage in Microgrid System for Smoothing Power Fluctuation Caused by Operation Modes Switching

Speaker
Ying Xu

3LP6-06 Design of a 30-K/4-kJ Solid Nitrogen Cooled HTS Magnet

Speaker
Timing Qu

3LP6-07 Thermal Analysis of Superconducting Magnetic Energy Storage Systems Using Finite Elements Method

Speaker
Serhat Tunc

3LP6-09 Conceptual Design and Evaluation of a MW-Class SMES-BES DVR System

Speaker
Zixuan Zheng

3LP6-11 A method for quench detection in inductive superconducting fault current limiters of transformer type

Speaker
Joao Murta-Pina

3LP6-12 AC-Loss Measurements and Detailed Loss Analysis on a 1MVA-Class Superconducting Fault Current Limiting Transformer

Speaker
Sebastian Hellmann

3LP6-13 Field test of a 1MVA/1MJ Superconducting Fault Current Limiter-Magnetic Energy Storage System

Speaker
Wenyong Guo

3LP6-14 2.5 kVA Single- Phase Self-Limiting Transformer Using Magnetic Flux Transfer

Speaker
Ercan Ertekin

3LP6-15 Current Limiting Characteristics using Double Quench of Transformer Type SFCL with Additional Secondary Winding

Speaker
Sung-Hun Lim

3LP6-16 Design and Evaluation of SMES-Battery Energy Storage System for Smoothing Mode Transfer of a Micro-Grid between Grid-Connected and Islanded Conditions

Speaker
Lei Chen

15:30