

Session Program

27 August 2017 to 1 September 2017

MT25

25th International Conference
on Magnet Technology

RAI - Amsterdam
August 27 - September 1, 2017



MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

Tue-Af-Po2.07

RAI Congress Center, Amsterdam, The Netherlands

Tuesday 29 August

13:15

Tue-Af-Po2.07: Fault Current Limiters

Poster Session | Location: Posters Area

Conceptual Design and Performance Evaluation of a 35 kV / 500 A Flux-Coupling-Type SFCL for Protection of a DFIG-Based Wind Farm

Speakers

Dr Lei Chen, Dr Ying Xu

Characteristic analysis of SFCL DC interrupting system in Windfarm

Speaker

Jun Beom Kim

Magnetic field and characteristic analysis of the superconducting fault current limiter for DC applications

Speaker

Prof. dong xia

Design and fabrication of HTS DC bias coil for 500kV saturated iron core fault current limiter

Speaker

Dr Tao Ma

Test of a Prototype Inductive Superconducting Fault Current Limiter Using No-insulation Coil

Speaker

Derong Qiu

Design and verification test of a flux-coupling type superconducting fault current limiter

Speaker

Dr Li Ren

Development of round flexible HTS CORC® wires for fault current limiting applications

Speaker

Jeremy Weiss

Design and Test of 10 kV/400 A Flux-coupling Type Superconducting Fault Current Limiting Module

Speaker

Qingquan Qiu

Characteristics of superconducting coil-type DC Fault Current Limiter to increase stability in DC power system

Speaker

HyeWon CHOI

Analysis of Interruption Characteristics According to Application Position of Inductor-Combined Superconducting DC Fault Current Limiter

Speaker

Seonho Hwang

Experimental tests on a superconducting hybrid DC circuit breaker**Speaker**

Xiaoze Pei

Performance Analysis and Electromagnetic Design of a Flux-coupling type SFCL**Speaker**

Sinian Yan

Performance simulation of a bias-flux superconducting fault current limiter (SFCL) based on MATLAB/SIMULINK**Speaker**

Mr Jiang Shengqian

Basic study of superconducting coils in rectifier transformers for railway electrification system**Speaker**

Yusuke Fukumoto

Winding Technology And Experimental Study On Superconductive Fault Current Limiter**Speaker**

Mr chen liang

Effectiveness of Superconducting Fault Current Limiting Transformers in Power Systems**Speaker**

Mrs Mariam Elshiekh

Current Limiting Characteristics of Transformer Type Superconducting Fault Current Limiter (SFCL) due to Winding Direction of Additional Secondary Winding**Speaker**

Prof. Tae-Hee Han

Current Limiting and Recovery Characteristics of A Trigger Type SFCL using Double Quench**Speaker**

Prof. Sung-Hun Lim

Comparative Study on Current Limiting Characteristics of Transformer Type Superconducting Fault Current Limiters (SFCLs) with Common Connection Point between Two Secondary Windings**Speaker**

Prof. Shin-Won Lee

15:00