Session Program

17–21 Sept 2017

EUCAS 2017

Poster : 4LP7 - FCL and the Grid

Geneva, CICG

Thursday 21 September

10:15

Poster : 4LP7 - FCL and the Grid

Poster Session | **Location:** Geneva, CICG

4LP7-01 New technique for using SMES to limit fault currents in wind farm power systems

Speaker
Mariam Elshiekh

4LP7-02 Characteristics of Reactor type superconducting DC current limiter for improved stability in the DC power system

Speaker
Hyewon Choi

4LP7-03 Optimum Positioning Of HTS Based Resistive Fault Current Limiter

Speaker
Prof. V. V. Rao

4LP7-04 Feasible Application Study of Different Types of Superconducting Fault Current Limiters in HVDC Grids

Speaker
Ho-Yun Lee

4LP7-06 Application of Flux-Coupling SFCL to Secure Fault Ride Through in Carbon-Free Stand-Alone Microgrid

Speaker
Soo Hyoung Lee

4LP7-08 Power Differential Protection for Transmission Lines with Superconducting Fault Current Limiters

Speaker
Diaa-Eldin A. Mansour

4LP7-09 Hardware-in-the-loop Simulation on Fault Current Limiting Operation of RE-123 Coated Conductors under the Influence of Spatial Inhomogeneity

Speaker
Kohei Higashikawa

4LP7-10 DC Superconducting Fault Current Limiter Applications and Technical Indexes

Speaker
Bin Li

4LP7-11 Fault Current Limitation Coordination in Electric Power Grid with Superconducting Fault Current Limiters

Speaker
Naoki Hayakawa

4LP7-13 Study of SFCL for multi-terminal HVDC network

Speaker
Ying Xin

4LP7-15 PHILS of Transmission Line Protection System for the application of 154 kV SFCL in Korea

Speaker
Seung Ryul Lee

4LP7-16 Research on the Application of Active Saturated Iron-Core Superconductive Fault Current Limiters in the VSC-HVDC System

Speaker
Botong Li

4LP7-17 Comparison between Different Models of Superconducting Fault Current Limiter with Application to an Electric Power Circuit

Speaker
José Juan Pérez-Chávez

4LP7-18 Enhancement test of Critical Clearing Time of One-machine Infinite Bus Transmission System by Use of SFCL

Speaker
Yasuyuki Shirai

4LP7-19 Simulation study of the impact of superconducting fault current limiters to power grid

Speaker
Fei Liang

4LP7-20 Study of a Modified Flux-Coupling-Type Superconducting Fault Current Limiter for Protection of a DC Micro-Grid

Speaker
Lei Chen

4LP7-21 Characteristics of Superconducting DC interrupting system for operational reliability in the full scale converter wind turbines

Speaker
Jun-Beom Kim

4LP7-22 Optimal Location of Superconducting Fault Current Limiters (SFCLs) for Fault Current Reduction in Korean AC Transmission Grids

Speaker
Jin Hur

4LP7-23 Performance Enhancement of PMSG Wind Turbines with DC Microgrids Using Resistive-Type SFCL

Speaker
Diaa-Eldin A. Mansour

4LP7-24 Analysis of Characteristics of Blocking Part for Optimized Inductor-Combined Superconducting DC Fault current limiter

Speaker
Seonho Hwang

12:15