

Session Program

22-26 Jul 2024

ICEC29/ICMC2024

Wed-Or12

CICG - GENEVA, Switzerland
Rue de Varembe 17, 1202 Genève

Wednesday 24 July

16:00

Wed-Or12: Superconductors & Applicatons

Session | **Location:** Room B+C | **Convener:** Hans Van Oort

16:00–16:15 **Production of 2G HTS tape at Faraday Factory Japan**

Speaker

Alexander Molodyk

16:15–16:30 **A REBCO coating process for high-field applications**

Speaker

Neil Lamas

16:30–16:45

A Data-Driven Approach for Modelling the Relationship between Fabrication Parameters and Critical Currents of REBCO Coated Conductors in a Real-Scale Pulsed Laser Deposition System

Speaker

Takanobu Kiss

16:45–17:00

Fabrications and superconducting properties of Ba_{1-x}K_xFe₂As₂ composite round wires

Speaker

Chiheng Dong

17:00–17:15

Effects of the adhesions between impregnation system and coil components on the training of Nb₃Sn Rutherford cables

Speaker

Guillaume Campagna

17:15–17:30

Modeling of Electro-Thermal Quench of a REBCO Superconducting Coil for Aircraft Propulsion Motors

Speaker

Arif Hussain

17:30–17:45

Correlating growth rate with vortex pinning and defect microstructure in Transient Liquid Assisted Growth (TLAG) of superconducting REBCO film

Speaker

Ona Mola Bertran

17:45–18:00

Qualification of the round REBCO cables of the SC-Links of HL-LHC

Speaker

Aisha Saba

18:00