

Session Program

Nov 15 - 19, 2021



MT27, 27th International Conference on Magnet Technology

FRI-OR7-303 HTS coil II

Fukuoka Convention Center

Fri, November 19

10:00 AM

FRI-OR7-303 HTS coil II

Session | **Location:** Fukuoka Convention Center | **Conveners:** Iain Dixon, Yoshinori Yanagisawa

10:00 - 10:15

Hybrid Microscopy to Clarify Failure Mechanisms of REBCO Tapes in Meter-Class Pancake-Coils

Speaker

Takanobu Kiss

10:30 - 10:45

Integration of Bi-2212 and Nb3Sn CCT magnets for a hybrid magnet test

Speaker

Laura Garcia Fajardo

10:45 - 11:00

Development of a small-aperture cos-theta dipole insert coil based on Bi2212 Rutherford cable and stress management structure

Speaker

Alexander Zlobin

11:00 - 11:15

Experimental Study on Effectiveness of Different Reinforcement Layouts Applied to Recent Bi-2212 Test Coils

Speaker

Dr Youngjae Kim

11:15 - 11:30

Development of HTS conductor for the central solenoid of compact fusion reactor TRT

Speaker

Victor Sytnikov

12:00 PM