

Session Program

Nov 15 - 19, 2021



MT27, 27th International Conference on Magnet Technology

WED-PO2-204 Fusion IV: HTS conductors and coils

Fukuoka Convention Center

Wed, November 17

10:30 AM

WED-PO2-204 Fusion IV: HTS conductors and coils

Poster Session | Location: Fukuoka Convention Center

Novel HTS magnet design for nuclear fusion

Speaker

Quan Li

The Study on Excitation Loss of NI Coil for TF Magnets

Speaker

Xueliang Wang

Conceptual Design and AC Loss Analysis of an HTS Central Solenoid Winding Pack for the EU-DEMO Fusion Reactor

Speaker

Dr Xiaodong Li

Conductor design for toroidal field coils of a high magnetic field tokamak TRT.

Speaker

Dr Sergey Lelekhov

Preliminary Design Study on HTS Toroidal Field Coils Using Non-Twisted Conductors and Cables

Speaker

Young-Gyun Kim

Design and manufacturing of a KIT sample for a Quench Experiment on HTS Cable in Conduit Conductors

Speaker

Daniel Nickel

High Performance HTS Conductors for Compact Fusion Tokamak Facility

Speaker

Dr Yuhu Zhai

Numerical Modelling of AC loss in large HTS Coils

Speaker

Dr Jeroen van Nugteren

12:30 PM