

Session Program

Nov 15 - 19, 2021



MT27, 27th International Conference on Magnet Technology

TUE-OR1-304 Resistive and Pulsed High-Field Magnets

Fukuoka Convention Center

Tue, November 16

10:00 AM

TUE-OR1-304 Resistive and Pulsed High-Field Magnets

Session | **Location:** Fukuoka Convention Center | **Conveners:** Mark Bird, Kohki Takahashi

10:00 - 10:15 AM

[Invited] Status of the Pulsed-Magnet Program at the Dresden High Magnetic Field Laboratory

Speaker

Sergei Zherlitsyn

10:15 - 10:30 AM

Recent developments at the pulsed magnetic field facility of the LNCMI

Speaker

Mr Jérôme Béard

10:30 - 10:45 AM

Redesign and rebuild of the Coils for the 60 T Controlled Waveform Magnet at the NHMFL

Speaker

Doan Nguyen

10:45 - 11:00 AM

60-T pulsed magnet for x-ray scattering experiments at the European XFEL

Speaker

Dr Shingo Yamamoto

11:00 - 11:15 AM

Optimizing single-turn coils for scientific applications beyond 100T

Speaker

Dr Oliver Portugall

11:15 - 11:30 AM

High electric conductivity and optimum strength in cold-drawn CuCrZr alloys at 295K and 77K

Speaker

Rongmei Niu

11:30 - 11:45 AM

A Novel Design of Multi-coil Magnet System for 100 T

Speaker

Liang Li

11:45 AM - 12:00 PM

Flux Concentrator Optimization for Future Positron Sources

Speaker

Hugo Bajas

12:00 PM