



# MT27, 27th International Conference on Magnet Technology

## Tuesday, November 16, 2021

### TUE-PO1-715 Mechanical Behavior of Coil I (1:15 PM - 3:15 PM)

[id] title	presenter	board
[881] Deformation Analysis of no-insulation REBCO coils considering turn-to-turn contact configuration	Dr UEDA, Hiroshi	
[198] Strain measurements of a combined superconducting magnet on sextupole coils and solenoids during its assembly and excitation	Mr XIN, Canjie	
[258] The influence of friction between layers of coil on the magneto-mechanical behaviors of YBCO superconducting magnet	Dr HU, Qiang	
[290] Numerical Evaluation of Reinforcement Structure against Electromagnetic and Thermal Stresses in Stacked REBCO Pancake Coils	Mr NAITO, Keisuke	
[354] Numerical Modelling of the Interfacial Debonding in Superconducting Magnets	VALLONE, Giorgio	
[494] Effects of Friction Force on the Stress-Strain Characteristics of a High-Temperature Superconducting Coil Co-Wound Using Intentionally Scratched Stainless Steel and GdBCO Tape	Mr RYU, Yunyeol	
[528] The pre-compression study for CFETR central solenoid model coil	WANG, Xianwei	
[824] Numerical evaluation of the potential methods of reducing screening-current-induced stress in NI-REBCO coil	JIANG, Zhaofei	
[1030] Numerical modelling and calculation of mechanical properties of HTS magnet wound with multi-thickness armored REBCO tapes	PENGYANG, Xie	