



# MT27, 27th International Conference on Magnet Technology

## Tuesday 16 November 2021

### TUE-PO1-715 Mechanical Behavior of Coil I (13:15 - 15:15)

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