



# MT27, 27th International Conference on Magnet Technology

## Wednesday 17 November 2021

### WED-OR2-703 Mechanical Behavior and Coil Tests (08:30 - 10:30)

-Conveners: Hyung-Seop Shin; Hidetoshi OGURO

time	[id] title	presenter
08:30	[952] Real-time Field Mapping of Screening Current induced Fields in an HTS Pancake Coil using a Hall Sensor Array	BANG, Jeseok
08:45	[224] NI test coil program at the Paul Scherrer Institute	KOSSE, Jaap
09:00	[669] Non-uniform screening-current-induced mechanical strains in small-scale REBCO insert coils	Ms YAN, Yufan
09:15	[926] Method of Manufacturing Fast Ramping Non-Insulated HTS Pancake Coils	Dr MENTINK, Matthias
09:30	[954] Bending strain sensitivity of critical current in REBCO CC windings with different pitches on a large diameter former under static fatigue condition at 77 K	DE LEON, Michael
09:45	[282] Mechanical strength evaluation of Yoroi-coil structured non-circular REBCO pancake coil in high magnetic field	Mr WATANABE, Tomonori
10:00	[673] Mechanical Analysis of a 14 T Whole-Body MRI Magnet	Dr LIU, XiaoGang
10:15	[615] Design and test results for a canted-cosine-theta dipole subscale magnet series	ARBELAEZ, Diego