

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Fri-Mo-Or2 - Mechanical Behavior and Stress III

Omni Boston Hotel at the Seaport
450 Summer Street Boston, MA 02210

Friday 4 July

08:00

Fri-Mo-Or2 - Mechanical Behavior and Stress III

Session | **Location:** Momentum D

08:00–08:15

Fri-Mo-Or2-01: Critical current and inter-tape contact resistances under cyclic transverse loading of ReBCO round cables for fusion in the Twente Press

Speaker

Dr Arend Nijhuis

08:15–08:30

Fri-Mo-Or2-02: Screening current induced stress and strain analysis considering thickness variation along the width of REBCO tape

Speaker

Yu Suetomi

08:30–08:45

Fri-Mo-Or2-03: A Numerical Comparison of the 3D Mechanics of REBCO CORC® Dipole Designs

Speaker

Giorgio Vallone

08:45–09:00

Fri-Mo-Or2-04: Measurements of the electromechanical delamination strength of REBCO CCs under lorentz force: the numerical modeling

Speaker

Gianluca Vernassa

09:00–09:15

Fri-Mo-Or2-05: Experimental study on delamination induced by electromagnetic forces in REBCO tapes.

Speaker

Célia Lucas Esparseil

09:15–09:30

Fri-Mo-Or2-06: Strain measurement of the no-delaminated thermosetting-epoxy-impregnated REBCO coils coated by release agent layers

Speaker

Dr Peng Song

09:30