



# CHATS on Applied Superconductivity 2021

## Wednesday, September 22, 2021

### Multi-scale D3 (12:00 PM - 2:40 PM)

time	[id] title	presenter
12:00 PM	[17] Thermal-Hydraulic Analysis of the DEMO PF Coils Designed by CEA	
12:25 PM	[19] Development of an integrated Cast3M mesh generator in TACTICS	
12:50 PM	[20] Parametric study and optimization of the cryo-magnetic system for EU DEMO at the pre-conceptual design phase	
1:15 PM	[24] Stability Analysis of ITER Central Solenoid During Plasma Scenario	
1:40 PM	Break	
1:50 PM	[28] Multiphysics Finite Element Modelling of "close-to-real" coil winding of a Toroidal Field Coil in a Tokamak	
2:15 PM	[34] New single coupling loss time constant scaling relation for CICC conductors subjected to fusion magnet conditions	