

CHATS on Applied Superconductivity 2021

Tuesday 21 September 2021

Multi-scale D2 (12:50-15:30)

time	[id] title	presenter
12:50	[5] Calculation of saturated coupling loss in Rutherford cables	
13:15	[7] Preliminary design of the pressure relief system for the new EDIPO He vessel	
13:40	Break	
13:50	[10] TACTICS: overview of a multi-physic analysis tool for fusion magnet design and application to DEMO TF coil	
14:15	[11] Development of a multi-physic platform OLYMPE for magnet fusion design: progresses update and applications	
14:40	[14] Dynamic simulation of high transients in forced flow Supercritical helium loop for the sizing of an experimental set-up dedicated to the study of loss of vacuum.	
15:05	[16] Friction factor of a forced-flow cooled HTS subsize-conductor for fusion magnets	