

ICEC27-ICMC 2018

Wednesday, 5 September 2018

S-01: Material requirements for advanced HTS magnets (11:00 - 12:30)

time	[id] title	presenter
11:00	[53] S-01: 161 - Study of HTS superconducting coatings for beam impedance mitigation in the Future Circular Collider	
11:40	[54] S-01: 049 - Numerical modelling of mechanical stresses in bulk superconductor magnets with and without mechanical reinforcement	

S-01: Material requirements for advanced HTS magnets (13:30 - 16:00)

time	[id] title	presenter
13:30	[78] S-01: 006 - High transport Jc in magnetic fields up to 27 T in Ba0.6K0.4Fe2As2 superconductor tapes	
14:20	[79] S-01: 329 - Influence of the HTS Roebel cable architecture on its mechanical and electrical properties	
15:10	[77] S-01: 387 - Design aspects and operational characteristics of the NHMFL 32T superconducting magnet	