

ICEC27-ICMC 2018

Tuesday 04 September 2018

E-07: Magnet technology, design and evaluation (14:30-15:45)

time	[id] title	presenter
14:30	[35] E-07: 180 - Design of 1MJ SMES unit	
14:45	[37] E-07: 213 - Long term operation of the superconducting triplet quadrupoles with cryocoolers for BigRIPS in-flight separator at RIKEN	
15:00	[38] E-07: 323 - Superconducting detector magnets at the Future Circular Collider	
15:15	[34] E-07: 139 - Cooling large HTS magnet coils using a gas free-convection cooling loop connected to coolers	
15:30	[36] E-07: 202 - Thermohydraulic behaviour of the cryogenic system during protected quenching of the superconducting magnet of a hybrid magnet	

Wednesday 05 September 2018

E-07: Magnet technology, design and evaluation (11:00-12:30)

time	[id] title	presenter
11:00	[59] E-07: 33 - Technical challenges of developing High Field Superconducting Magnets beyond 25 Tesla	
11:20	[60] E-07: 35 - Cryogenic test results of the superconducting magnets for the NICA complex and the SIS100 synchrotron of FAIR	
11:40	[61] E-07: 56 - Test stand for the characterization of superconducting magnets cooled with cryocoolers	
12:00	[62] E-07: 62 - Experimental and numerical study of the different quench acceleration phenomena in the JT-60SA Toroidal Field Coils	