



# MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

## Thursday, August 31, 2017

### Thu-Mo-Or33: Multiphysics Design and Analysis for Different Magnet Applications (11:00 AM - 12:45 PM)

-Conveners: Naoyuki Amemiya; Gerard Willering

time	[id] title	presenter
11:00	<a href="#">P107</a> ] Coupled electro-magnetic, thermal, mechanical analysis of a quench in the high luminosity LHC Nb3Sn quadrupole magnet	Dr RAVAIOLI, Emmanuele
11:15	<a href="#">P107</a> ] Errors and optics study of a permanent magnet quadrupole system	Mr SCHILLACI, Francesco
11:30	<a href="#">P105</a> ] Coupling of Mechanical and Magneto-Thermal Models of Superconducting Magnet by Means of Mesh Based Interpolation	AUCHMANN, Bernhard
11:45	<a href="#">P102</a> ] An Engineering Perspective on Ultra High-Field Magnets	TWIN, Andrew
12:00	<a href="#">P1014</a> ] Multiphysics FEA Led Design of Bi-2212 Round Wire Prototype Coils	Dr BOSQUE, Ernesto
12:15	<a href="#">P106</a> ] Ultimate Forces of the Grenoble Hybrid Magnet	SCHNEIDER-MUNTAU, Hans
12:30	<a href="#">P105</a> ] LEDET-ANSYS coupled modeling of transients in superconducting magnets	Dr BROWER, Lucas