

Workshop on Beam-Induced Quenches

Tuesday 16 September 2014

Session 3: Heat Transfer R&D - 30/7-018 - Kjell Johnsen Auditorium (09:00 - 13:00)

-Conveners: **Bernardo Bordini**; **Gerard Willering**

time	[id] title	presenter
09:00	[10] Steady-State Heat Transfer in the LHC Superconducting Coils: Status of Experiments and Modelling	GRANIERI, Pier Paolo
09:40	[11] Possibilities of Finite Element Modelling for a Better Understanding of Heat Transfer in Rutherford-Type Cables	BIELERT, Erwin Roland
10:10	[12] Modeling heat transfer to helium in the stability analysis of Rutherford cables	BRESCHI, Marco
10:40	Coffee	
11:10	[13] Transient heat and mass transfer to superfluid helium Application to superconducting magnet cooling	BAUDOUY, Bertrand BAUDOUY, Bertrand
11:35	[21] Development of a Novel Method for Exploration of the Thermal Response of Superconducting Cables to Pulse Heat Loads in Superfluid Helium	WINKLER, Tiemo
11:50	[22] Stability measurements Rutherford type cables	Dr WILLERING, Gerard
12:10	[15] Identification of Damage-Levels of SC Magnets for transient beam losses: Strategy and Plans	Dr WOLLMANN, Daniel