



# HFM annual meeting 2023

## Wednesday 1 November 2023

### RD4 - Modelling Tools, Materials Protection and Cryogenics - 30/7-018 - Kjell Johnsen Auditorium (14:00 - 17:10)

-Conveners: Stefania Farinon; Cedric Garion

time	[id] title	presenter
14:00	[121] RD4 - Introduction	GARION, Cedric FARINON, Stefania
14:10	[83] WP4.1 - Model based systems engineering - software tools for design and measurements for HFM - CERN	
	- [1] ROXIE	RUSSENSCHUCK, Stephan BONORA, Matthias
	- [2] Steam	Dr RAVAIOLI, Emmanuele
14:40	[85] WP4.3 - Insulation materials for HFM magnet coils and conductors - CERN	PICCIN, Roland
14:55	[132] Progress in materials and processes at PSI	BREM, André
15:10	[147] A new ductile, tougher resin for impregnation of superconducting magnets - Fermilab	BARZI, Emanuela
15:25	Coffee break	
15:55	[105] WP4.4 - Determination of deformation via image-based measurements and design of epoxy systems for Nb <sub>3</sub> Sn Rutherford cables - ETHZ/CHART	STUDER, Pascal KONG, Xiang
16:10	[106] WP4.5 - Quench detection, protection and diagnostic methods for Nb <sub>3</sub> Sn and HTS high-field magnets - CERN	WOZNIAK, Mariusz
16:25	[107] WP4.6 - Cryogenic and thermal management studies for HFM magnets - CERN	Dr TAVARES COUTINHO BORGES DE SOUSA, Patricia VAN WEELDEREN, Rob
16:40	[133] RD4 Discussion and summary	