

MT27, 27th International Conference on Magnet Technology

Thursday, 18 November 2021

THU-OR4-401 Magnets for Medical, Biological, and Analytical Applications (16:00 - 18:00)

-Conveners: Yu Suetomi; Enrico Felcini

time	[id] title	presenter
16:00	[839] [Invited] First images of the Iseult Whole Body 11.7 T MRI	Dr QUETTIER, Lionel
16:15	[823] Study of the Basic Properties of Meter-class REBCO High-Temperature Superconducting Coils for MRI	Mr MIURA, Hideaki
16:30	[57] Design of a Curved Superconducting Combined Function Bending Magnet Demonstrator for Hadron Therapy	KARPPINEN, Mikko
16:45	[631] Mechanical and thermal analysis of an HTS superconducting magnet for an achromatic gantry for proton therapy	RUDEIROS FERNANDEZ, Jose Luis
17:00	[637] Preliminary study of 4 T superconducting dipoles for a light rotating gantry for ion-therapy	ROSSI, Lucio
17:15	[1000] Feasibility Study of GaToroid Gantries for Carbon Ions	Dr FELCINI, Enrico
17:30	[257] Development of a persistent-mode 400 MHz (9.39 T) LTS/Bi2223 NMR magnet with a Bi2223 superconducting joint	TAKEDA, Yasuaki
17:45	[703] First NMR Relaxometry using Outer Field of Single-sided HTS Bulk Magnet activated by Pulsed Field	Dr TAKAHASHI, Masato