

MT27, 27th International Conference on Magnet Technology

Thursday 18 November 2021

THU-PO3-205 Fusion V: Toward DEMO (10:00 - 12:00)

[id] title	presenter	board
[217] Preliminary Design of a High Current R&W TF Coil Conductor for the EU DEMO	BRUZZONE, Pierluigi	
[192] DEMO fusion reactor Toroidal Field coil optimized layer-wound design	TOMASSETTI, Giordano	
[602] Seismic analysis of magnet systems in helical fusion reactors designed with topology optimization	Dr TAMURA, Hitoshi	
[584] Thermal Hydraulic Analysis of Toroidal Field Coil of CFETR	LI, Junjun	
[52] Novel magnetic systems for high power microwave sources – challenges and prospects	Prof. GLYAVIN, Mikhail	
[84] Conceptual design of CRAFT TF coil heat treatment	Dr WANG, Weijun	
[274] Design of Quench Protection System for K-DEMO TF Magnet	CHU, yong	
[161] Thermal-hydraulic and quench analysis of EUROfusion DEMO PF coils	Dr KUMAR, Mithlesh	
[216] Heat Treatment Optimization on Nb3Sn Strands Based on Electrical and Physical Properties	DEMATTE, Federica	
[240] Engineering the main structures of the DEMO fusion reactor magnet system	GIANNINI, Lorenzo	
[860] Comparative electromechanical study of different Nb3Sn CICC designs for tokamaks with FE simulations	RICCIOLI, Rebecca	
[917] A top-down modeling approach for DEMO magnetic system	Prof. BOSO, Daniela	
[564] UPDATES ON CEA DESIGN AND EXPERIMENTAL ACTIVITIES ON EU DEMO TF	ZANI, Louis	
[816] A 3D electromagnetic model for eddy currents analysis in superconducting magnets for fusion applications	DE BASTIANI, Marco	