

Fifth Technical Meeting on Fusion Data Processing, Validation and Analysis

Monday, 12 June 2023

NSC/1 Next step/new fusion device concepts: data challenges and design optimization: Session 1 (09:30 - 10:10)

-Conveners: Didier Mazon; Pablo Rodriguez-Fernandez

time	[id] title	presenter
09:30	[1] The Direct Optimization Framework in Stellarator Design: Transport and Turbulence Optimization	JORGE, Rogerio

NSC/1 Next step/new fusion device concepts: data challenges and design optimization (10:30 - 12:00)

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time	[id] title	presenter
10:30	[15] Bayesian optimization techniques to accelerate burning-plasma and reactor simulations	Dr RODRIGUEZ-FERNANDEZ, Pablo
11:00	[44] High-field laser patterned HTS magnets enabling compact fusion reactors	PEREIRA BOTELHO, Diego
11:30	[26] Development of High-speed Data Acquisition System of Negative Ion Source Breakdown	Prof. ZHAO, Yuanzhe