

4th Technical Exchange Meeting on the China - EU Collaboration on CFETR and EU-DEMO Reactor Design

Wednesday, 20 March 2024

Fusion Reactor Components and Technologies: Materials (09:50 - 14:50)

-Conveners: Klaus Hesch

time	[id] title	presenter
09:50	[18] A Phased Roadmap for the Development of Fusion Reactor Materials in China	WANG, Yugang
10:15	[19] Materials Development & Strategy in EU	PINTSUK, Gerald
10:40	Coffee Break	
11:00	[20] R&D of Materials for Fusion Reactors at SWIP	CHEN, Jiming
11:25	[21] Materials Simulation Programme in EU	DUDAREV, Sergei
11:50	[22] Strategy for Material Simulation and Recent Progress in China	LU, Guanghong
12:15	Lunch Break	
14:00	[23] Development of Tungsten-based Improved Amour Materials in EU	PINTSUK, Gerald
14:25	[24] Development of CFETR/DEMO Divertor Materials and Components at SWIP	LIAN, Youyun

Fusion Reactor Components and Technologies: Divertor (14:50 - 16:05)

-Conveners: Xuebing PENG

time	[id] title	presenter
14:50	[25] EU-DEMO Divertor: Design Revision and R&D	Prof. YOU, Jeong-Ha
15:15	[26] Progress of Design and R&D of CFETR Divertor	XU, Tiejun
15:40	[27] Divertor Design in BEST	DING, Rui

Thursday, 21 March 2024**Fusion Reactor Components and Technologies: Breeding Blankets (08:30 - 09:50)****-Conveners: Richard Kamendje**

time	[id] title	presenter
08:30	[32] Design, Development and Safety Study of DEMO HCCB Breeding Blanket System	ZHANG, Long
08:55	[33] Developments of Cool Blanket Technology in ASIPP	CHEN, Lei
09:20	[34] European Breeding Blanket Concepts	HERNANDEZ GONZALEZ, Francisco

Fusion Reactor Components and Technologies: Tritium & Fuel Cycle Systems (09:50 - 11:40)**-Conveners: Shanliang ZHENG**

time	[id] title	presenter
09:50	[29] Evaluation of DT Fuel Cycling System for CFETR	WANG, Heyi
10:20	Coffee Break	
10:40	[30] EU-DEMO Fuel Cycle System	DAY, Christian
11:10	[31] Recent Progress in CFETR Tritium Plant Technologies	CHEN, Changan