

Agenda of the 3rd WEST Experimental Planning Meeting (March 22-24, 2021)

V3 (16/03/2021)

March 22, 2021

Time	Duration	Title	Speaker
13:30		Session 1 : scientific background and R&D priorities for WEST phase 2 (chair E. Tsitrone)	
13:30	0:10	Welcome & introduction to the meeting	J. Bucalossi (10)
13:40	0:30	DEMO high priority R&D topics and WEST contributions	H. Zohm (MPG, central DEMO team), 20+10
14:10	0:30	ITER high priority R&D topics and WEST contributions	A. Loarte (ITER Organization), 20+10
14:40	00:25	WEST in the EUROfusion programme : WP TE high priority R&D topics and WEST contributions	M. Wischmeier (WP TE TFL), 15+10
15:05	00:25	WEST in the EUROfusion programme : WP PWIE high priority R&D topics and WEST contributions	S. Brezinsek (WP PWIE PL), 15+10
15:30	0:15	coffee break	
15:45		Session 2: update on WEST (chair J. Hillairet)	
15:45	0:30	Overview of WEST phase 1 results : plasma scenario development	P. Maget (WEST TFL), 20+10
16:15	0:30	Overview of WEST phase 1 results : plasma exhaust	T. Loarer (WEST TFL), 20+10
16:45	0:30	Upgrade of WEST for phase 2	E. Tsitrone, 20+10
17:15	00:15	General discussion	all
17:30		adjourn	

March 23, 2021

Time	Duration	Title	Speaker
9:00		Session 3 : Plasma regimes of operation (chair : P. Maget)	
9:00	00:05	Introduction to Task Force WEST 2 session (plasma scenario)	P. Maget (5)
9:05	00:20	Diagnostics for TF W2	R. Dumont (15+5)
9:25	00:30	H mode characterization in D, H, He / ELM free high confinement regimes (I mode)	C. Bourdelle (15+15)
9:55	00:25	Development and control of steady state scenario (1000s)	A. Ekedahl (10+15)
10:20	0:15	coffee break	
10:35	00:25	W control: transport	P. Manas (10+15)
11:00	00:30	Runaway electron beam control and mitigation	C. Reux (15+15)
11:30	00:30	General discussion on plasma scenarios	all
12:00	1:30	lunch break	
13:30	00:45	RF heating scenarios optimization	M. Ono (PPPL) (5+5) / J. Hillairet (20+15)

14:15		Session 4 : plasma exhaust (chair : T. Loarer)	
14:15	00:05	Introduction to Task Force WEST 1 session (plasma exhaust)	T. Loarer (5)
14:20	00:20	Diagnostics for TF W1	M. Houry (15+5)
14:40	00:20	Divertor configuration for WEST phase 2	M. Richou (15+5)
15:00	00:30	Ageing of ITER grade PFCs under high heat flux / particle fluence (D, He, impurities) + Operation with damaged / misaligned PFC	J. Gaspar (15+15)
15:30	00:30	Conditioning, fuel retention and recovery in a full tungsten tokamak with long pulses	A. Gallo (15+15)
16:00	0:15	coffee break	
16:15	00:35	W control : W source	E. Unterberg (ORNL) (5+5) / C. Guillemaut (10+15)
16:50	00:35	Divertor detachment physics and control / power exhaust in double null configuration	N. Fedorczak (20+15)
17:25	00:30	General discussion on plasma exhaust	all
17:55		adjourn	

March 24, 2021

Time	Duration	Title	Speaker
9:00	03:30	Closed session WEST TFL	
12:30	1:30	lunch break	
14:00		Session 5 : wrap up and next steps (chair A. Ekedahl)	
14:00	00:20	Tentative timeline for WEST phase 2 and next steps	E. Tsitrone
14:20	00:40	General discussion	all
15:00		adjourn	