

30th Meeting of the ITPA (International Tokamak Physics Activity) Diagnostics Topical Group, Joint with the Progress Meeting on ITER Relevant Diagnostic Developments in Russia, Joint with the ITER Port Integration Coordination Team Meeting

Wednesday 22 June 2016

ITPA day 1: Topical Group Activities: Part 1 - Hall 3 (08:10-09:10)

time	[id] title	presenter
08:10	[14] Update of Topical Group Activities: Part 1	YASUNORI KAWANO
08:40	[15] Review of Action Items: Part 1	DAVID BROWER

ITPA day 1: Progress in ITER Organization - Hall 3 (09:25-10:20)

time	[id] title	presenter
09:25	[16] ITER diagnostic design progress	GEORGE VAYAKIS

ITPA day 1: HP: Determination of the life time of plasma facing mirrors used in optical systems (combined with FM SWG)

- Hall 3 (10:20-11:30)

time	[id] title	presenter
10:20	[17] FM SWG Report	ANDREY LITNOVSKY
10:50	[18] JEX DIAG-2	
11:10	[19] First results of comparative study of single crystal (SC) Rh and Mo mirrors under eroding plasma conditions	ANDREY LITNOVSKY

ITPA day 1: HP: Determination of the life time of plasma facing mirrors used in optical systems (combined with FM SWG)

- Hall 3 (12:40-14:50)

time	[id] title	presenter
12:40	[20] Thermal tests of sandwich Mo mirrors for H-alpha spectroscopy	I. ORLOVSKIY
13:00	[21] Status of Shutters and Actuators Design for DTS System	D. SAMSONOV
13:10	[22] Study SC-Mo mirrors degradation in DC plasma cleaning conditions	A. ROGOV
13:30	[23] Integration DC/PDC plasma cleaning systems into H-alpha diagnostic first mirrors units	Y. KAPUSTIN
13:50	[24] Status of mirror cleaning regime definition for ITER	MAARTEN DE BOCK
14:05	[25] RF mirror cleaning – matching and cooling	FRANK LEIPOLD
14:15	[26] Integration of RF mirror cleaning systems in Ep VisIR system and plans for next steps	MIKHAIL KOCHERGIN

ITPA day 1: HP: The assessment of impacts of in-vessel wall reflections on diagnostics - Hall 3 (15:05-16:00)

time	[id] title	presenter
15:05	[27] Status of wall reflection study in visible / IR range	SHIN KAJITA
15:20	[28] JEX DIAG-8: Benchmark of wall reflections	MAARTEN DE BOCK
15:25	[29] JEX DIAG-7: Distributed monitoring of microwave power density	HANS OOSTERBEEK
15:40	[30] JEX DIAG-10: Minimizing microwave absorption in vacuum windows	HANS OOSTERBEEK