

Daily Schedule

Prepared by

M.Kobayashi

Date	Experimental Subject															
2022/11/8(Tue)	Measurement of edge plasma parameters profiles using the fast scanning Langmuir probes, Asymmetric Distributions of ECH-driven Toroidal Rotation in LHD, Isotope effect on the impurity hole phenomenon, Deformation of velocity distribution by ICRF heating, Mode conversion wave absorption from fast wave in multi-ion plasmas															
Exp. No.	Topical Group					TGL					Sub-TGL					
1299	multi-ion					N.Tamura/M.Kobayashi [2337/2169]					H.Kasahara/G.Motojima [2203/2142]					
Time Table	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
		U P	[multi-ion]										D N			
Details and Experimental Conditions														Gas		
[multi-ion Coordinator: M.Kobayashi](09:45 ~ 18:45) ECH, NBI, ICH 9:45-11:30 Measurement of edge plasma parameters profiles using the fast scanning Langmuir probes (S. Masuzaki) 11:30-13:00 Asymmetric Distributions of ECH-driven Toroidal Rotation in LHD (W.H. Ko, K. Ida) 13:00-14:45 Isotope effect on the impurity hole phenomenon (S. Satake, M. Nishiura) 14:45-18:45 Deformation of velocity distribution by ICRF heating, Mode conversion wave absorption from fast wave in multi-ion plasmas (H. Kasahara) Maximum number of discharges : 180 Sequence:3min														H2,D2,Ar		
#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled									
1		CW	3.75	2.64	1.2538	100.0										
2		CW	3.6	2.75	1.2538	100.0										
3		CW	3.6	2.73	1.2538	100.0										
4		CW	3.6	2.65	1.2538	100.0										
5		CW	3.6	2.6	1.2538	100.0										
Wall Conditioning																
GD(Before Exp.): None , GD(After Exp.): None , Cryopump(During Exp.): on																
Remarks		(multi-ion)Fast scanning Langmuir probe co-ECCD, on/off-axis (0.0, 0.3, 0.6), 1.25Hz modulation with 4-gyr or 3-gyr CXS Ti, toroidal/poloidal rotation profiles C pellet (1mm dia X 1mm height), HIBP CXS(V _p , H), DNPA, CNPA(H), FIDA, ECE ICRF, on-axis resonance, X-point resonance [Precautions for today's LHD experiments] (id:676) Impurity pellet/TESPEL (id:677) Impurity gas puff (id:706) ICH: Antennae insertion for plasma heating by ICH : Subcool required (id:720) Probe: Edge plasma measurement using the fast-scanning Langmuir probes														