

# 25th 5th week(04/08/24 - 04/12/24) schedule for LHD experiment

Weekly report :

Date	Day of the week	Bt direction	Schedule of the day												Wall	Gas	Experiment implementation system	Remark		
			Morning (~ 12:15)						Afternoon (12:15 ~ 16:45)											
4/8	M	O.													Sat: None					
4/9	Tu	C.W	[TC](10:30 ~ 14:15)ECH, NBI Transport study in ECRH superposed ion ITB plasma	# Opt. Pol. Rax Bax gamma Bq SC	1 CW 3.6 2.75 1.2538 100.0	2 ✓ CW 3.75 2.64 1.2538 100.0	[IA](14:45 ~ 16:45)ECH, NBI Validation of high-energy NB shine-through model	# Opt. Pol. Rax Bax gamma Bq SC	1 CW 3.6 2.75 1.2538 100.0						H2 GD	H2, He, Ar, CH4	[Responsible person]S.Masuzaki / H.Hayashi [Coordinator#1]T.kobayashi/T.Kawate [Coordinator#2]A.Shimizu/K.Ogawa [ECH]H.Igami [Gas·vacuum·shutter]C/A [Low temp.]noguchi.hiroki [LID power]M.Kawai/K.Nagahara [Coil power]takami.shigeyuki [central ctrl.]maeno.hiroya [data proc.]M.Ohsuna [EXP LAN]inoue.tomoyuki	[TC]BES, CXS, MSE, FIDA, FILD, HIBP, Impurity pellet, Ice pellet, PCI, Reflectometer, Doppler Reflectometer, Off-axis ECH, MECH, CTS	[IA]FIDA, BES, CXS, H/He ratio, Bulk-CXS, CH4 puff	
4/10	We	C.C.W	[TC](10:30 ~ 12:30)ECH, NBI Characteristics of the radial mode structure of resistive interchange mode	# Opt. Pol. Rax Bax gamma Bq SC	1 CCW 3.75 0.75 1.2538 100.0	2 CCW 3.75 1.375 1.2538 100.0	3 CCW 3.75 2.64 1.2538 100.0	4 ✓ CCW 3.75 1.0 1.2538 100.0	[MAP](12:30 ~ 16:45)ECH, NBI Spectroscopic measurement of detached plasma and boron ion intensity lines	# Opt. Pol. Rax Bax gamma Bq SC	1 CCW 3.75 2.64 1.2538 100.0	2 CCW 3.9 2.5385 1.2538 100.0	3 CCW 3.6 2.75 1.2538 100.0			H2 GD	H2, Ne, Ar	[Responsible person]T.Seki / H.Hayashi [Coordinator#1]K.Mukai/M.Nishimura [Coordinator#2]R.Yanai/H.Nakano [ECH]H.Takahashi [Gas·vacuum·shutter]B/C [Low temp.]noguchi.hiroki [LID power]M.Kawai/K.Nagahara [Coil power]tanoue.hiroyuki [central ctrl.]maeno.hiroya [data proc.]M.Ohsuna [EXP LAN]nakamura.osamu	[TC]FTS, ECE-Imaging at 1.0T, CECE, CXS, LID	(MAP)CXS, IPD, LID (12:30-15:15), Ne puff, impurity pellet
4/11	Th	C.W	[IA](10:30 ~ 12:45)ECH, NBI Observation of the fast-ion confinement degradation depending on the neutral beam power	# Opt. Pol. Rax Bax gamma Bq SC	1 CW 3.6 2.75 1.2538 100.0	[TC](12:45 ~ 14:15)ECH, NBI Impurity effect on turbulent transport in magnetically-confined toroidal plasmas	# Opt. Pol. Rax Bax gamma Bq SC	1 CW 3.6 2.75 1.2538 100.0	[MAP](14:15 ~ 16:45)ECH, NBI Real-time wall conditioning using the IPD, Impurity transport study in the plasma with an impurity hole	# Opt. Pol. Rax Bax gamma Bq SC	1 CW 3.6 2.75 1.2538 100.0	2 CW 3.55 2.7887 1.2538 100.0			None	H2, He, Ar	[Responsible person]M.Osakabe / H.Hayashi [Coordinator#1]G.Motojima/H.Nakanoya/N.Kenmochi [Coordinator#2]R.Ishikawa/T.Tokuza wa/R.Seki [ECH]N.Kenmochi [Gas·vacuum·shutter]A/B [Low temp.]noguchi.hiroki [LID power]M.Kawai/K.Nagahara [Coil power]takami.shigeyuki [central ctrl.]maeno.hiroya [data proc.]M.Ohsuna [EXP LAN]inoue.tomoyuki	[IA]Special Requirement: C-pellet Required Diag.: FIDA, HIBP	[TC]LID (cancel) Required Diag.: TESPEL, SSGP, CXS, DR, BS, PCI	
4/12	Fr	C.C.W	[MAP](10:30 ~ 13:45)ECH, NBI Tomographic analysis of helium atom emission line intensity	# Opt. Pol. Rax Bax gamma Bq SC	1 CCW 3.9 2.5385 1.2538 100.0	2 CCW 3.75 2.64 1.2538 100.0	3 CCW 3.6 2.75 1.2538 100.0	[IA](13:45 ~ 16:45)ECH, NBI electron cyclotron mazer instability	# Opt. Pol. Rax Bax gamma Bq SC	1 CCW 3.6 2.75 1.2538 100.0	2 CCW 3.9 2.6308 1.2538 100.0			None	H2, He, Ar	[Responsible person]M.Isobe / H.Hayashi [Coordinator#1]M.Kobayashi/M.Goto [Coordinator#2]A.Shimizu/K.Ogawa [ECH]R.Yanai [Gas·vacuum·shutter]C/A [Low temp.]noguchi.hiroki [LID power]M.Kawai/K.Nagahara [Coil power]tanoue.hiroyuki [central ctrl.]maeno.hiroya [data proc.]M.Ohsuna [EXP LAN]nakamura.osamu	[MAP]CXS, impurity gas puff	[IA]MSE		

LHD project

## Daily Schedule

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## Daily Schedule

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