FTU Experimental campaign 2014 - C1

20/05/2014 – 27/06/2014

(25/05/2014)

Programs		Scientific Coordinators		Days
M02a	Effect of Neon injection on density peaking	C. Mazzotta	G. Pucella	0.5
M02b	Tearing mode activity induced by Neon gas injection	A. Botrugno	P. Buratti	0.5
M03	MHD limit cycles near the density limit	G. Pucella	P. Buratti	1
M04a	Density limit for low toroidal fields and plasma currents	G. Pucella	O. Tudisco	1
M06	FTU – H mode	G. Ramogida	G. Calabrò	1
M07	Threshold electric field for runaway electron generation	B. Esposito	J. Martin-Solis	1
M08	Runaway electron control with new feedback strategies	D. Carnevale	B. Esposito	2
M10	EC Assisted Breakdown	G. Granucci	S. Garavaglia	1.5
M12	Collective Thomson Scattering	W. Bin	A. Bruschi	1
M13	MARFE stabilization by ECRH	W. Bin	O. Tudisco	1
M14	ECRH on current ramp up for High Temperature plasmas	F. P. Orsitto	G. Granucci	1
M15	ECRH on the magnetic island near the density limit	G. Pucella	G. Granucci	1
M16	Control of sawteeth periods by pulsed ECH/ECCD	S. Nowak	P. Buratti	0.5
M17	Effect of central ECH/ECCD deposition on (N)TM onset	S. Nowak	P. Buratti	1
M18	(N)TM control by ECH/ECCD	C. Sozzi	C. Galperti	2.5
M20t	Thermal loads on the CLLL	G. Mazzitelli	M. L. Apicella	2.5

FTU – 2014 – C1 – week 21

Topic	Day	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
Week 21 / 2014								
R	1	--- --- G. Granucci G. Artaserse ---					Restart	20/05/2014 Tuesday
R	2	--- --- G. Calabrò G. Artaserse ---					Restart	21/05/2014 Wednesday
R	3	--- --- B. Esposito G. Artaserse ---	Y				Restart	22/05/2014 Thursday
R	4	--- --- A. Botrugno --- ---	Y		neon		Restart	23/05/2014 Friday

FTU – 2014 – C1 – week 22

Topic	Day	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
Week 22 / 2014								
R **M10**	4.5 0.5	--- G. Granucci D. Marocco G. Artaserse	Y				Restart EC assisted BD	27/05/2014 Tuesday
M16 **M17**	0.5 0.5	S. Nowak S. Nowak B. Esposito A. Romano	Y		neon		ST control NTM destabilization	28/05/2014 Wednesday
M15 **M15**	0.5 1	G. Pucella G. Pucella G. Granucci V. Cocilovo	Y				DL with ECRH DL with ECRH	29/05/2014 Thursday
M08 **M08**	0.5 1	D. Carnevale D. Carnevale F. Belli G. Ramogida			neon		RE control RE control	30/05/2014 Friday

FTU – 2014 – C1 – week 23

Topic	Day	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
Week 23 / 2014								
--- **M02a**	--- 0.5	--- C. Mazzotta					--- Ne – peaking	03/06/2014 Wednesday
M16 **M18**	1 0.5	S. Nowak C. Sozzi	Y		neon		NTM destabilization NTM RT control	04/06/2014 Tuesday
M03 **M02b**	0.5 0.5	G. Pucella A. Botrugno			neon		MHD limit cycles Ne – MHD	05/06/2014 Thursday
M08 **M08**	1.5 2	D. Carnevale D. Carnevale			neon		RE control RE control	06/06/2014 Friday

FTU – 2014 – C1 – week 24

Topic	Day	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
Week 24 / 2014								
M10 **M10**	1 1.5	G. Granucci G. Granucci	Y				EC Assisted Breakdown EC Assisted Breakdown	10/06/2014 Tuesday
M03 **M06**	1 0.5	G. Pucella G. Ramogida	Y				MHD limit cycles FTU – H	11/06/2014 Wednesday
M13 **M13**	0.5 1	W. Bin W. Bin	Y				MARFE stabilization MARFE stabilization	12/06/2014 Thursday
M04a **M04a**	0.5 1	G. Pucella G. Pucella					DL low BT DL low BT	13/06/2014 Friday

FTU – 2014 – C1 – week 25

Topic	Day	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
Week 25 / 2014								
M18 **M18**	1.0 1.5	C. Sozzi C. Sozzi	Y		neon		NTM RT control NTM RT control	17/06/2014 Tuesday
M12 **M12**	0.5 1	W. Bin W. Bin	Y				CTS CTS	18/06/2014 Wednesday
M18 **M18**	2.0 2.5	C. Sozzi C. Sozzi	Y		neon		NTM RT control NTM RT control	19/06/2014 Thursday
M07 **M07**	0.5 1	B. Esposito B. Esposito					RE generation RE generation	20/06/2014 Friday

FTU – 2014 – C1 – week 26

Topic	Day	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
Week 26 / 2014								
M14 **M14**	0.5 1	F. P. Orsitto F. P. Orsitto	Y				ECRH ramp-up ECRH ramp-up	24/06/2014 Tuesday
M20t **M06**	0.5 1	G. Mazzitelli G. Ramogida	Y			Y	CLLL FTU – H	25/06/2014 Wednesday
M20t **M20t**	1.0 1.5	G. Mazzitelli G. Mazzitelli				Y	CLLL CLLL	26/06/2014 Thursday
M20t **M20t**	2.0 2.5	G. Mazzitelli G. Mazzitelli				Y	CLLL CLLL	27/06/2014 Friday