



FTU Experimental campaign 2014 - C1

20/05/2014 – 27/06/2014

(28/05/2014)

<u>Programs</u>		<u>Scientific Coordinators</u>	<u>Days</u>
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	2
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	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
R R	G. Granucci G. Granucci G. Granucci G. Artaserse ---	--- --- ---	--- --- ---	--- --- ---	--- --- ---	Restart Restart	20/05/2014 Tuesday
R R	G. Granucci G. Granucci G. Calabrò G. Artaserse ---	--- --- ---	--- --- ---	--- --- ---	--- --- ---	Restart Restart	21/05/2014 Wednesday
R R	G. Granucci G. Granucci B. Esposito G. Artaserse ---	Y Y ---	--- --- ---	--- --- ---	--- --- ---	Restart Restart	22/05/2014 Thursday
R R	G. Granucci G. Granucci A. Botrugno --- ---	Y Y ---	--- --- ---	Neon Neon ---	--- --- ---	Restart Restart	23/05/2014 Friday

FTU – 2014 – C1 – week 22

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

FTU – 2014 – C1 – week 23

Topic	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
---	---	---	---	---	---	---	---
M03	G. Pucella F. Belli G. Artaserse P. Buratti	---	---	---	---	MHD limit cycles	03/06/2014 Tuesday
M17 M18	S. Nowak C. Sozzi G. Calabrò A. Romano G. Pucella	Y Y	---	---	---	NTM destabilization (N)TM RT control	04/06/2014 Wednesday
M02a M02b	C. Mazzotta A. Botrugno V. Cocilovo D. Marocco C. Castaldo	---	---	Neon Neon	---	Ne – peaking Ne – MHD	05/06/2014 Thursday
M07 M07	D. Carnevale D. Carnevale G. Ramogida G. Calabrò G. Apruzzese	---	---	---	---	RE generation RE generation	06/06/2014 Friday

FTU – 2014 – C1 – week 24

Topic	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
M10 M10	G. Granucci G. Granucci A. Romano W. Bin C. Mazzotta	Y Y	---	---	---	EC Assisted Breakdown EC Assisted Breakdown	10/06/2014 Tuesday
M10 M06	G. Granucci G. Ramogida W. Bin G. Artaserse L. Gabellieri	Y Y	---	---	---	EC assisted breakdown FTU – H	11/06/2014 Wednesday
M03 M13	G. Pucella W. Bin G. Calabrò V. Cocilovo P. Buratti	Y Y	---	---	---	MHD limit cycles MARFE stabilization	12/06/2014 Thursday
M04a M04a	G. Pucella G. Pucella G. Ramogida G. Calabrò O.D'Arcangelo	--- ---	---	---	---	DL low BT DL low BT	13/06/2014 Friday

FTU – 2014 – C1 – week 25

Topic	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
M18 M18	C. Sozzi C. Sozzi F. Belli W. Bin G. Pucella	Y Y	--- ---	Neon Neon	--- ---	(N)TM RT control (N)TM RT control	17/06/2014 Tuesday
M12 M12	W. Bin W. Bin G. Ramogida F. Belli C. Mazzotta	Y Y	--- ---	--- ---	--- ---	CTS CTS	18/06/2014 Wednesday
M18 M18	C. Sozzi C. Sozzi A. Romano V. Cocilovo P. Buratti	Y Y	--- ---	Neon Neon	--- ---	(N)TM RT control (N)TM RT control	19/06/2014 Thursday
M07 M07	D. Carnevale D. Carnevale G. Calabrò W. Bin C. Cianfarani	--- ---	--- ---	Neon Neon	--- ---	RE control RE control	20/06/2014 Friday

FTU – 2014 – C1 – week 26

Topic	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
M10 M14	G. Granucci F. P. Orsitto B. Esposito F. Belli	Y				EC assisted breakdown ECRH ramp-up	24/06/2014 Tuesday
M20t M06	G. Mazzitelli G. Ramogida G. Granucci V. Cocilovo	Y			Y	CLLL FTU – H	25/06/2014 Wednesday
M20t M20t	G. Mazzitelli G. Mazzitelli G. Ramogida G. Granucci				Y	CLLL CLLL	26/06/2014 Thursday
M20t M20t	G. Mazzitelli G. Mazzitelli G. Ramogida V. Cocilovo				Y	CLLL CLLL	27/06/2014 Friday

FTU – 2014 – C1 – week 27

Topic	EC 1 EC 2 RdO 1 RdO 2 PIC	EC	LH	Inj	Li	Experiment 1 Experiment 2	Date
						Contingency	01/07/2014 Tuesday
						Contingency	02/07/2014 Wednesday
						Contingency	03/07/2014 Thursday
						Contingency	04/07/2014 Friday