



# Experimental program FTU 2014 C2

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**WIP – ENEA**

<b>WP DTT1</b>	Liquid metal as Plasma Facing Component (G. Mazzitelli)	<b>2.5</b>	ppy
<b>WP PFC</b>	Erosion and fuel retention experiments (G. Maddaluno)	<b>0.7</b>	ppy
<b>WP MST2</b>	Runaway generation and control in FTU (B. Esposito)	<b>1.9</b>	ppy
<b>ER CTS</b>	Parametric decay instability (A. Bruschi)	<b>1.9</b>	ppy
<b>ER DL</b>	Density Limit Studies (G. Pucella)	<b>1.3</b>	ppy
<b>ER MR</b>	Magnetic Reconnection (P. Buratti)	<b>1.3</b>	ppy

# Programs – FTU 2014 C2



<b>M06 FTU – Hmode</b> (G. Ramogida, G. Calabrò)	WP_DTT1		<b>G. Mazzitelli</b>	<b>5</b>
<b>M20 Thermal loads on the LLL</b> (G. Mazzitelli, M. L. Apicella)	WP_DTT1			
<b>M21 Long pulses</b> (G. Mazzitelli, M. L. Apicella)	WP_DTT1			
<b>P03 D retention in W exposed to high particle fluxes</b> (G. Maddaluno, G. Apruzzese)	WP_PFC		<b>G. Maddaluno</b>	<b>1</b>
<b>M07 Threshold electric field for runaway electron generation</b> (B. Esposito, D. Carnevale)	WP_MST2		<b>B. Esposito</b>	<b>3</b>
<b>M08 Runaway electron control with new feedback strategies</b> (D. Carnevale, B. Esposito)	WP_MST2			
<b>M12 Collective Thomson Scattering</b> (W. Bin, A. Bruschi)	ER_CTS		<b>A. Bruschi</b>	<b>3</b>
<b>M04a Density limit for low toroidal fields and plasma currents</b> (G. Pucella, O. Tudisco)	ER_DL		<b>G. Pucella</b>	<b>3</b>
<b>M04b Density limit with pellet injection</b> (G. Pucella, O. Tudisco)	ER_DL			
<b>M15 ECRH on the magnetic island near the density limit</b> (G. Pucella, G. Granucci)	ER_DL			
<b>M03 MHD limit cycles near the density limit</b> (G. Pucella, P. Buratti)	ER_MR		<b>P. Buratti</b>	<b>2</b>

# Availabilities – FTU 2014 C2



13 partecipanti	novembre 2014														dicembre 2014									
	mar 4	mer 5	gio 6	ven 7	mar 11	mer 12	gio 13	ven 14	mar 18	mer 19	gio 20	ven 21	mar 25	mer 26	gio 27	ven 28	mar 2	mer 3	gio 4	ven 5	mar 9	mer 10	gio 11	ven 12
	8.00-19.00	8.00-19.00	8.00-19.00	8.00-17.30	8.00-19.00	8.00-19.00	8.00-19.00	8.00-17.30	8.00-19.00	8.00-19.00	8.00-19.00	8.00-17.30	8.00-19.00	8.00-19.00	8.00-19.00	8.00-17.30	8.00-19.00	8.00-19.00	8.00-19.00	8.00-17.30	8.00-19.00	8.00-19.00	8.00-19.00	8.00-17.30
William Bin					✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gerarda Appruzzese	✓		✓	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓		✓	✓
Alex Bruschi					✓	✓	✓		✓	✓	✓		✓	✓	✓			✓	✓			✓	✓	
Daniele Carnevale		✓				✓				✓				✓				✓				✓		
Giuseppe Calabro		✓		✓		✓		✓						✓		✓		✓		✓				
Ennio Iudisco				✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Basilio Esposito					✓				✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gianluca Pucella	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓
Giorgio Maddaluno	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓
Giuseppe Ramogida	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓		✓	✓					✓		✓	✓
Paolo Buratti				✓		✓	✓	✓			✓	✓		✓	✓	✓			✓	✓		✓	✓	✓
Giuseppe Mazzitelli								✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gustavo Granucci		✓	✓			✓	✓				✓		✓	✓	✓		✓	✓	✓		✓	✓	✓	

# Experimental campaign 2014 C2



<b>W 46</b>	11/11	Restart	Restart
	12/11	Restart	Restart
	13/11	Restart	Restart
	14/11	WP DTT1	WP DTT1
<b>W 47</b>	18/11	ER DL	ER DL
	19/11	ER CTS	ER CTS
	20/11	ER MR	ER MR
	21/11	WP MST2	WP MST2
<b>W 48</b>	25/11	ER CTS	ER CTS
	26/11	WP MST2	WP MST2
	27/11	ER CTS	ER CTS
	28/11	WP PFC	WP PFC
<b>W 49</b>	02/12	ER DL	ER DL
	03/12	ER DL	ER DL
	04/12	ER MR	ER MR
	05/12	WP MST2	WP MST2
<b>W 50</b>	09/12	Contingency	Contingency
	10/12	Contingency	Contingency
	11/12	Contingency	Contingency
	12/12	Contingency	Contingency
<b>W 51</b>	16/12	WP DTT1	WP DTT1
	17/12	WP DTT1	WP DTT1
	18/12	WP DTT1	WP DTT1
	19/12	WP DTT1	WP DTT1

<b>Monday</b>	no operation
<b>Tuesday</b>	08:00 – 19:00
<b>Wednesday</b>	08:00 – 19:00
<b>Thursday</b>	08:00 – 19:00
<b>Friday</b>	08:00 – 17:30
3 Restart	
17 Programs	
4 Contingency	