Game Plan for MUGAST commissioning

Task	Team	April 4th Thursday							April 5th Friday											April 6th Saturday					
		6pm	8pm	10pm	12am	2am	4am	6am	8am	10am	12pm	2pm	4pm	6pm	8pm	10pm	12am	2am	4am	6am	8am	10am	12pm	2pm	4pm	6pm
No target																										
16O beam tuning up to FC at 1000pps	B. Jacquot																									
Beam down to the end of VAMOS- check detectors	VAMOS																									
Target thickness measurement	VAMOS																									
Target = CD2 1mg/cm2																										
check of DC & PPAC from VAMOS	VAMOS																									
Identification matrix	VAMOS																									
beam at higher intensity (10^5pps)	VAMOS																									
check countings on MUGAST	MUGAST																									
check Dead Time	MuG-AGA-VAM																									
Target = hole																										
CATS insertion / beam intensity check	CATS																									
check VAMOS with CATS + target hole	CATS																									
check counting on MUGAST	MUGAST																									
mask on CATS	CATS																									
mask on target	CATS																									
reconstruction of beam profile with CATS	CATS/nptool																									
CD2 target 1mg/cm2																										
check countings on each detectors (scalers)	MUGAST																									
check Dead Time	MuG-AGA-VAM																									
MUGAST checks (DeltaE/ToF)	MUGAST																									
MUGAST map	MUGAST																									
check AGATA data standalone (fusion-evap)	AGATA																									
check prompt peak in AGATA	AGATA																									
CD2 target 0.5mg/cm2 for high intensity check																										
beam increased slowly up to few 10^6pps																										
check counting rates MUGAST-AGATA-VAMOS	MuG-AGA-VAM																									
check all spectra (reset issue…)	MuG-AGA-VAM																									
statistics for analysis																										
Fast Correlation checks																										
check all TACs for correlation																										
check signals from ADC																										
check time calibrator signal sent to all ADC																										
Analysis																										
CATS tracking	Analysis team																									
(d,p) selection and kinematics	Analysis team																									
excitation energy + 1st excited state gate	Analysis team																									
Excitation energy gated by VAMOS	Analysis team																									
Gamma gated spectrum	Analysis team																									
Triple coincidence : MUGAST-AGATA-VAMOS	Analysis team																									
Angular distribution																										