## 2011 test beam opportunities for PANDA DIRCs



Barrel DIRC plans to participate in both.

Focus on technical aspects at GSI beam, commissioning of new prototype and DAQ. Focus on imaging, timing, and sensor tests at CERN.

Glasgow disc plans to participate in beam at CERN.

Any other takers?

## GSI test beam 2011

## June 14-19 (following long Pentecost weekend) Same cave as 2009

Pion beam from secondary target (nitrogen primary beam),

p=1.7 GeV/c,  $10^4$ - $10^5$  particles per spill,

2-10 second extraction

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	W	eek	22		Week 23							Week 24							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
UMAT, Severin/Trautmann, Au (PIG), 50 Hz, 3 ms, X0					U261, Rudolph/Düllmann, 48Ca10+ (EZR), 4.5-5.5, 60 particleMicroAmps in Pulse in X8, 50 Hz / >= 5 ms, X8 TASCA							U264, Block, 48Ca (EZR), 4-5 MeV/u, 10 pnA, 50Hz, 5ms, Y7 SHIPTRAP							1000
						U265, Roth/Blazevic, 48Ca20+, 3,6 MeV/u, >10 μA, Z6													
a) S339, Hartmann/Leifels, 14N (MUCIS), 2 GeV/u , 5E10/spill, extr. 1-2 sec, fast ram pion target, HTB													ampir	ıg,	Benii 124 700 1e8/				
					ura/Pietraszko, Traxler, PIG), fast ramping, HAD							S386, Schwarz/Schwarz, 14N, 2 GeV, >1e10, 10s extraction, pion target, block mode, HTD							
					(MU ESF	CIS), ' R, coo	1e6/ ling a	th, 14 cycle ind de TRAP	after ecel.										

CERN test beam 2011

July 11-21 T9 beam line, PS (East Hall) Hadron beam, p=1-15 GeV/c  $\pi$  and K.

Beam instrumentation available. (Fast start time?)

10 days include time for setup and removal and one day for machine development.

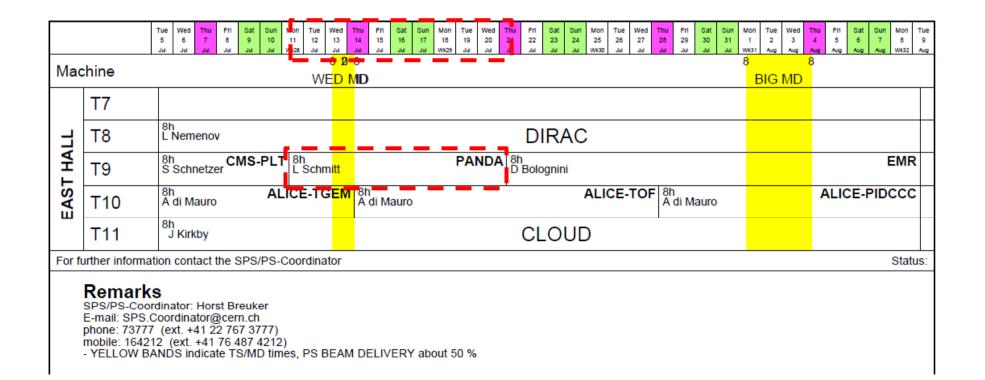
We need to factor in one weekday for paperwork to get accounts, access card, rad training, etc.



Schedule issue date: 16-Feb-2011

## Version 0.0

(colour code: purple (dark) = scheduling meeting , light green (light) = weekend or holiday)



Period 3 2011 Jul 5 to Aug 9