

# Detector Technology Group

PH-DT

White Paper R&D

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[cern.ch/ph-dep-dt](http://cern.ch/ph-dep-dt)

## Primary purpose of white paper R&D

[http://ph-dep.web.cern.ch/ph-dep/NewsMeetings/News/070717\\_memo.pdf](http://ph-dep.web.cern.ch/ph-dep/NewsMeetings/News/070717_memo.pdf)

In line with the 2006 R&D proposal by the PH department and the SPC panel recommendations, PH department and the CSO have selected a subset of 9\* activities in which a strategic role for CERN has been identified and which concern the development of specific expertise relevant for future projects. Priority has been given to common projects and coordination frameworks, where several experiments will profit from the development.

\* 2 more activities were added at a later stage (WP10 and 11).

WP4	WP5	WP6	WP7	WP11
<ul style="list-style-type: none"><li>• Radiation Hard Semiconductor Detectors</li><li>• RD50</li></ul>	<ul style="list-style-type: none"><li>• Micropattern Gas Detectors</li><li>• RD51</li></ul>	<ul style="list-style-type: none"><li>• Quality Control</li><li>• Interconnect technologies, run in ESE group</li></ul>	<ul style="list-style-type: none"><li>• Material studies</li><li>• New Irradiation Facilities</li></ul>	<ul style="list-style-type: none"><li>• Detector Cooling (started in 2009)</li></ul>
M. Moll	L. Ropelewski	A. Honma	M. Capeans, M. Moll	P. Petagna

## 2010 manpower allocations

WP4	WP5	WP6 (QA)	WP7	WP11
<ul style="list-style-type: none"> <li>• 0.6 FTE staff</li> <li>• 3.2 FTE fell/doc/MC/trainee</li> </ul>	<ul style="list-style-type: none"> <li>• 3.4 FTE staff</li> <li>• 4.9 FTE fell/doc/MC/PA</li> </ul>	<ul style="list-style-type: none"> <li>• 0.5 FTE staff</li> <li>• 2 FTE fell/PA</li> </ul>	<ul style="list-style-type: none"> <li>• 1 FTE staff</li> <li>• 1.6 fell/doc/tech</li> <li>• Expect to add 1 fellow</li> </ul>	<ul style="list-style-type: none"> <li>• 2.35 FTE staff</li> <li>• 3 fell/doc</li> <li>• Expect to add 1 fellow</li> </ul>

$\Sigma = 21.35$  FTE (8.45 staff + 12.9 fell/doct/MC/PA/trainee)

## DT staff

<b>WP4 / RD50</b>	<b>0.60</b>	<b>WP7 / New Irrad + Material</b>	<b>0.95</b>
GLASER Maurice	0.10	CAPEANS Mar	0.40
MOLL Michael	0.50	FORTIN Richard Georges	0.50
		HAHN Ferdinand	0.05
<b>WP5 / RD51</b>	<b>3.40</b>	<b>WP11/Cooling</b>	<b>2.35</b>
BRUNEL Bernard	0.50	DUMPS Raphael	0.20
DAVID Eric	0.50	GODLEWSKI Jan	0.30
KLEMPPT Wolfgang	0.50	NOEL Jerome	0.60
ROPELEWSKI Leszek	0.50	PETAGNA Paolo	0.85
TAUREG Hans	0.70	TROPEA Paula	0.40
VAN STENIS Miranda	0.70		
<b>WP6 / QC</b>	<b>0.50</b>		
HONMA Alan	0.30		
MCGILL Ian	0.20		

... for discussion

# Evolution of White Paper R&D ?

