

DT2 Infos

Important for our future: Council approved additional 4 x 60 MCHF (2008-2011)

<http://ph-dep.web.cern.ch/ph-dep/InfoCommunication/News/070622.html>

Four Themes:

- i. Full exploitation of the LHC potential;
- ii. Optimization and modernisation of the injector complex;
- iii. Advanced R&D for LHC upgrade and for future accelerators and detectors;
- iv. Special projects.

R&D for tracking detectors and calorimeters; developments in microelectronics and opto-electronics with advanced 130 nm technology; improvements in Triggering, DAQ and controls.

Originally: 13.5 MCHF + 33 FTEs.

↓
may drop !

Work is organized in **9 (10) work packages**.

DT2 will play an important role in 4 of them:

WP4: Rad hard Si tracking (SLHC). / RD50 collaboration

WP5: MPGD (GEM, micromegas & co.). / RD51 collaboration

WP6: Interconnect technologies.

WP7: Irradiation facilities & material + gas studies.

DT2 Infos

- Marie Curie Network **MC-PAD (P**Article **D**etectors) approved.

CERN forms training network with DESY, GSI, PSI, Frascati, Nikhef, U Hamburg, Krakow, Ljubljana.

Coordination: CJ

Total EU funding: 4.7 M€

For DT2: 4 PhD / PostDoc positions → Silicon / Gas / Photodetectors / Gas Simulation.

- Marie Curie Network **CLOUD-ITN** approved.

DT2 not directly involved, however the CLOUD project and DT2 will profit indirectly.

- **MARS 2008**

Procedure like in 2007. Budget for advancements 1.83% + 0.1% (carry over from 2007)

Rule: 50% of staff gets only periodic step. → ~35 additional steps for 30 staff.

All interviews should be done before 15 March.

Safety (a very complex subject)

Nov 2006 DG: New approach to safety implementation at CERN

- Transfer of executive safety competences from SC to departments
- SC remains in charge of safety policy and monitoring, radio protection, fire brigade
- + lots of confusion, new committees, friction losses

<http://cern.ch/safety-commission/SC-site/index.html>

Safety must be handled in a more systematic, rigorous way, across all CERN.

All our activities must become **auditable** in terms of safety.

How are we concerned ?

- In 2008 a new tool, called SMS = Safety Management System, will be implemented.
- All safety risks need to be inventoried and evaluated . Activities directly linked to experiments and taking place in experimental areas are to be treated by the experiments.

→ For DT2 this means that we can limit SMS to our workshops and labs.

Special (pre-filled) forms for workshops, labs etc. will be available.

→ Every person should have an objective related to safety in his/her MARS.