DT Science-Techno Tea


*DT News*

*CJ*

‘***Cast Experiment‘***

***Martyn Davenport,***
***Jaime Ruz Armendariz***
***Theodoros Vafeiadis***

23 June 2011

# DT Personnel

- New technician (LD contract) for bondlab & QART lab recruited: Florentina Manolescu. She is currently project associate. Supervisor Alan Honma.

- Job opened for Tech. Engineer or Engineer (CP D or C). Operation and upgrade of irradiation facilities.

- Diego Perini will leave group on 1 July and move to EN/MME. Deputy group leader, in charge of the MME design office.

  → Antti Onnela becomes section leader of DT/EM1

  → A LD position for a mechanical engineer has been published. Full time for ALICE technical support and upgrade.

  →Solution for engineering support of AEgIS not yet settled. In discussion with department. Hope for the right decisions in the CERN Council meeting of tomorrow.

- Stefan Haider will increase activity in AEgIS (gradually to ~100%).

- Roberto Guida will become project leader of the gas project. Transition plan worked out. Official information to LHC experiments in July.

# DT Personnel

- Summer students have arrived
  - *Sarah Wiegele (D), supervisor Matthieu Heller*
  - *László Oláh (H), supervisor Michael Moll*
  - *Jaakko Laaksonen (FIN), supervisor Antti Onnela*
  - *Yoshiki Tanaka (JP), supervisor Thierry Gys (arrives in July)*

- Stagiare
  - Maxence Curdy  1.4. – 1.7.2011, works with Francois Xavier Nuiry on ATLAS IBL project.

# Other DT activities

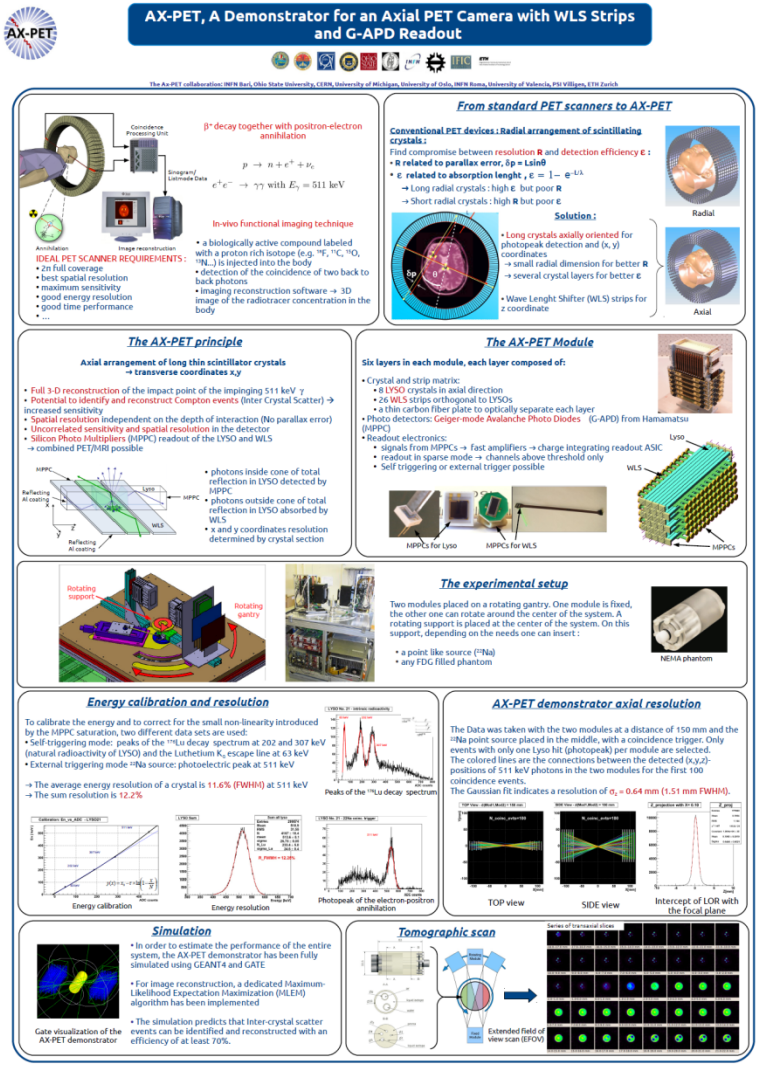
## EIROforum school of Instrumentation

Grenoble, 15-22 May 2011

50 students across Europe, ESA, ESO, ESRF, ILL, CERN...
3 from DT: Francois Xavier Nuiry, Matthieu Heller, Markus Gabrysch

4 DT lecturers...

# Matthieu won a price for the best student poster

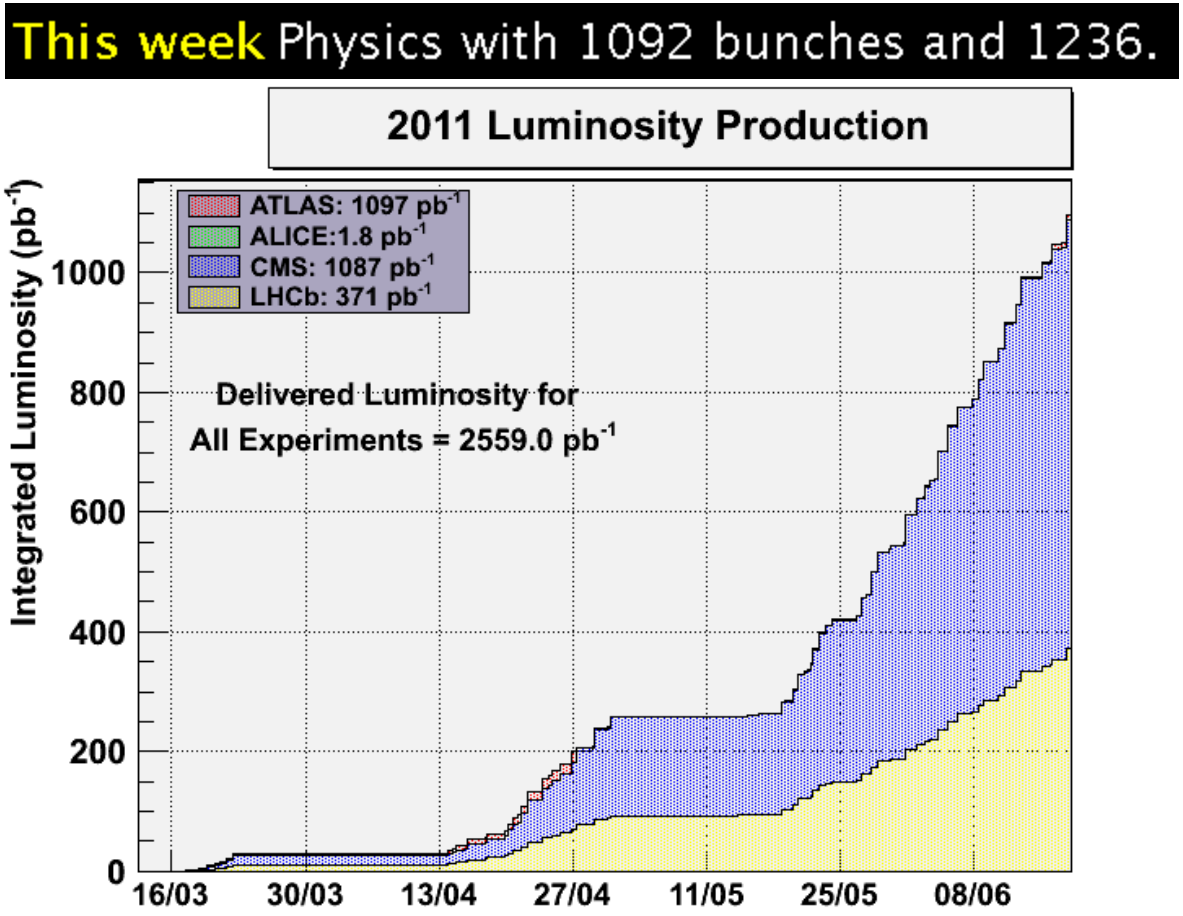


# DT MARS 2011

Expect to receive notification letters still this week.

Rumour, i.e. not official:
All SB and CP change proposals were considered favourably.

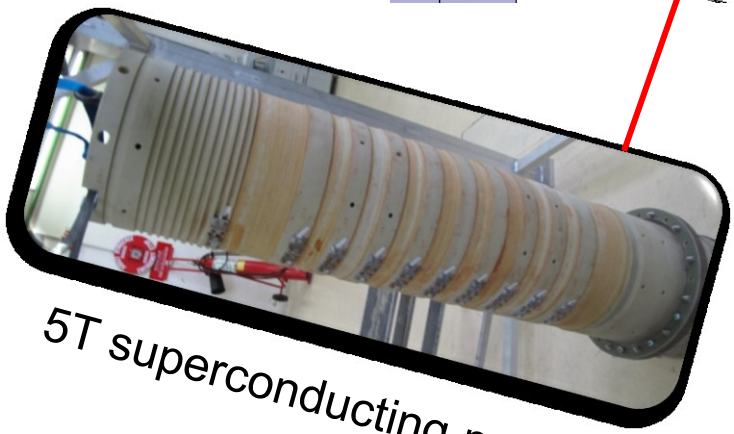
LHC and the experiments work VERY well.
Peak luminosity beyond $1 \cdot 10^{33}$ / $cm^2 \cdot s$




For comparison: in 2010 the two large experiments collected ~50 $pb^{-1}$

The same amount of data can now be collected on a single good day.

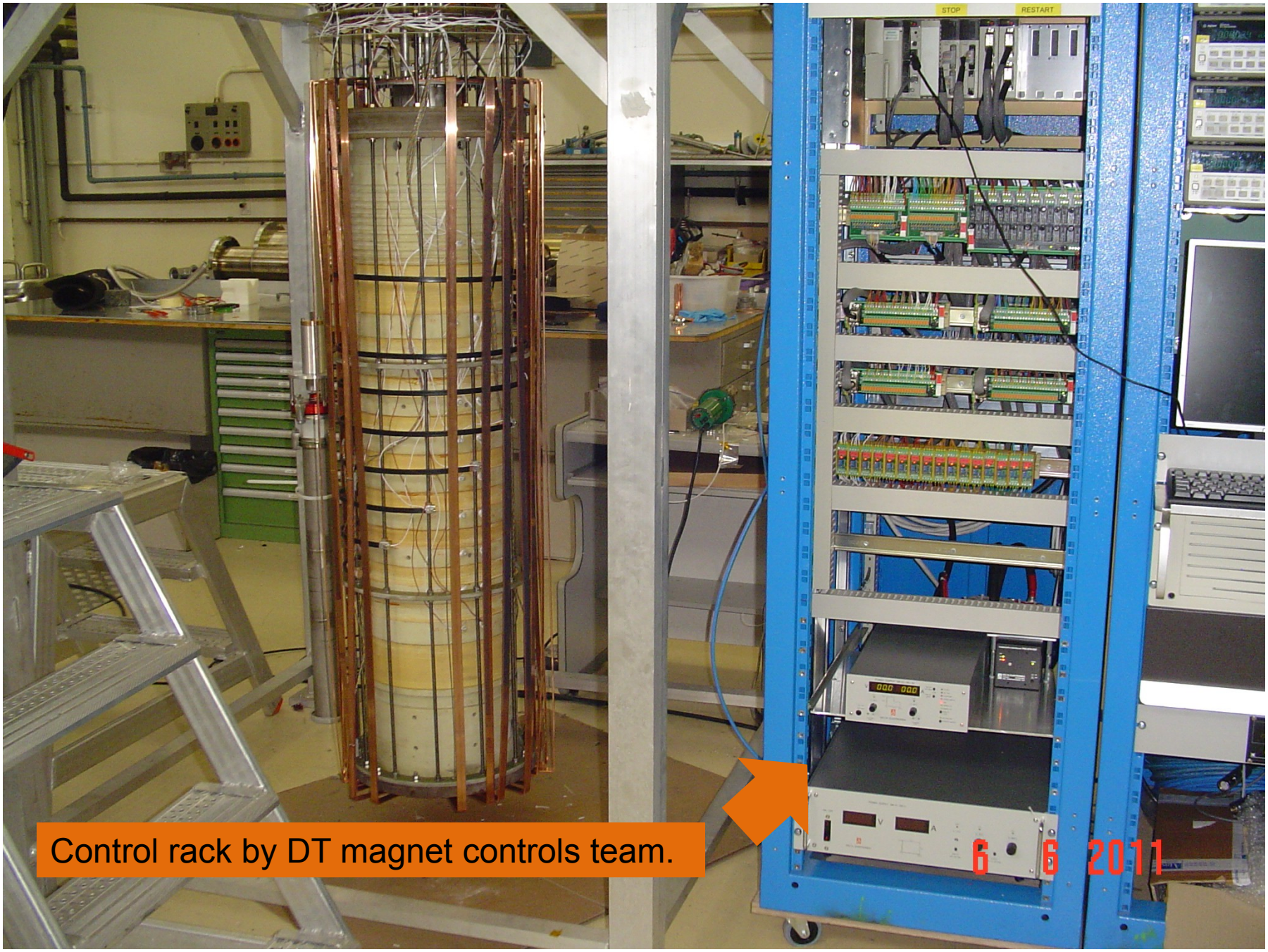
# AEgIS experiment



5T superconducting magnet

Second magnet (1T)
in production

Entirely designed and built at CERN
A. Dudarev (ATLAS), D. Perini, P.-A. Giudici, F. Garnier




Control rack by DT magnet controls team.

Test in Cryolab

Magnet achieved design performance after 2 training quenches.

Very nice achievement!