



DT Science-Techno Tea



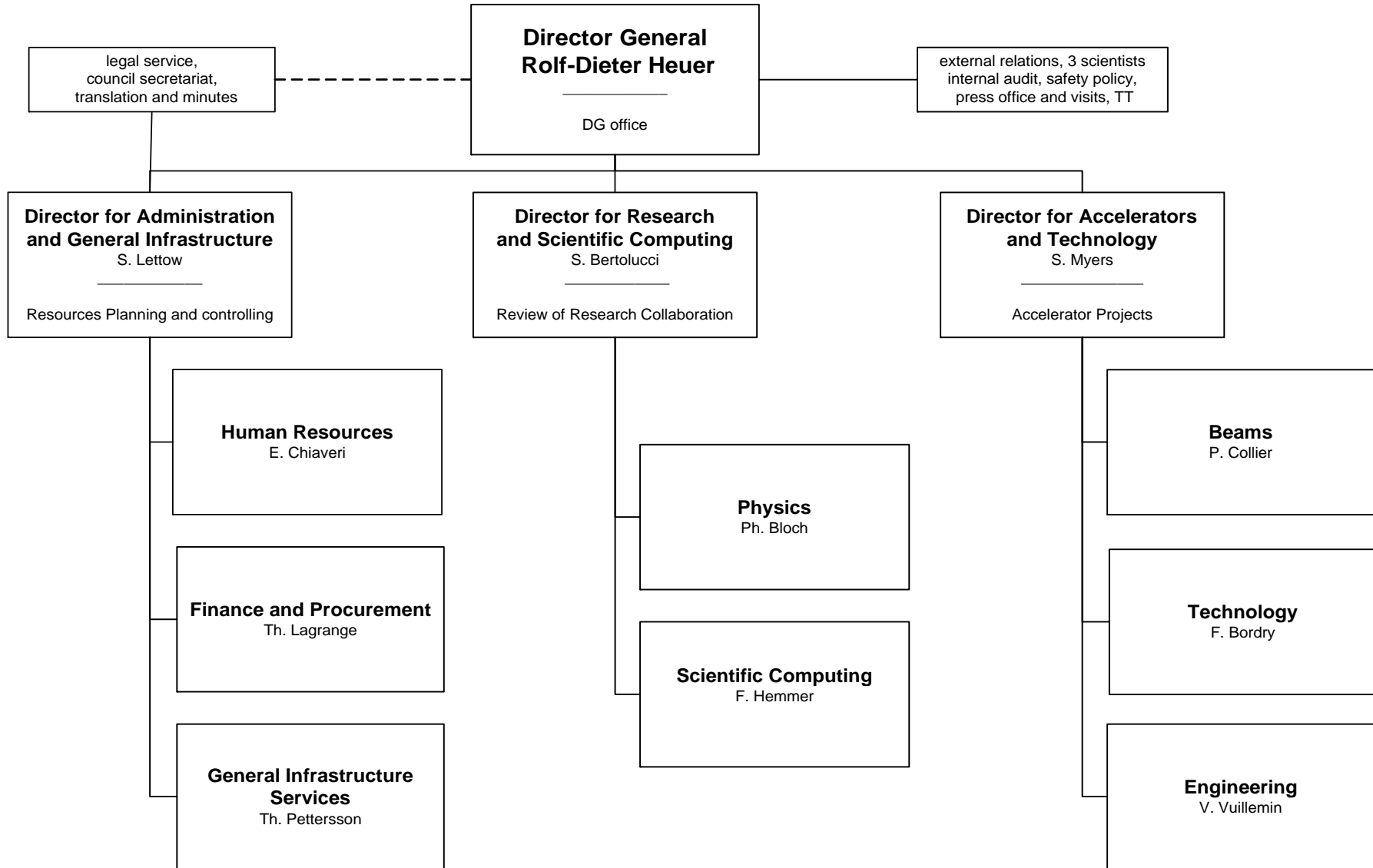
DT News - Christian Joram

Gases and gas systems for LHC detectors

- Stefan Haider, Frederic Merlet, Patrick Carrié

18 November 2008

New CERN Department Structure



Some services / activities related to experiments were transferred to new places in accelerator sector, e.g.

- IT/CO (Controls, collaborates with us on magnet controls, gas controls, ...) → merged with sections from AB/CO to a new group EN/ICE
- TS/DEM (PCB, GEM, MicroMegs) → section in group EN/ICE
- TS/SU (Large scale survey, incl. experiments section C. Lasseur) → section in AB/ABP (beam physics group).
- TS/LEA (exp. area management, gas supply, ...) → merged with others to EN/TC group

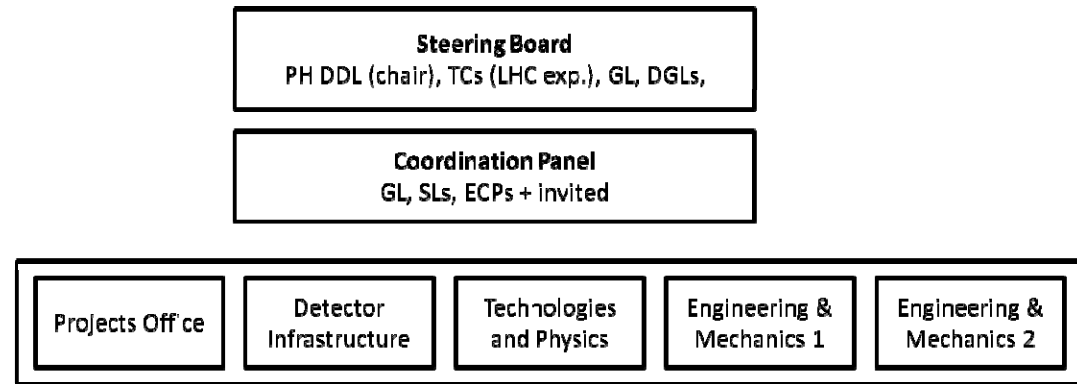
DT personnel matters

- New technical student Sune Jacobsen arrived on 1 Nov for 12 months. Project ATLAS ALFA. Supervisor CJ.
- Marie Curie project MC-PAD: 3 PhD student + 1 post-doc selected for CERN:
 - Marco Villa,MPGD, supervisor Leszek Ropelewski, start 1 Dec.
 - Nicola Pacifico, rad hard. silicon, supervisor Michael Moll, start 1 Dec.
 - Ignazio Vilardi, postdoc, photodetectors, supervisor CJ, start 1 Jan.
 - Maria Tsagri, Geant4, supervisor J. Apostolakis (SFT), R. Veenhof, start 1 Dec.
- 2nd 0.5 FTE transferred to PH safety office: Tonio de Oliviera. → Compensation by new position for technician in 2009.
- Departures
 - Edo Sbrissa, end of contract in 2010, PRP
 - Roland Rey-Mermier, end of contract August 2009 (saved leave)

13 Nov 2008:
1st DT steering board meeting

Agenda

- Structure and organization of DT (10')
- Overview of 2008 activities and (15')
 - Staff evolution
 - Projects
 - Services & workshops
 - R&D activities
 - Projections to 2009
- Maintenance and operation of LHC experiments (10')
 - General approach
 - M&O work packages
- Outlook on new projects (10')
 - General approach
 - Engineering R&D
- Status of APT (5')
- Various items
 - Space
 - Detector cooling
 - TS-LEA activities (gas distribution, cabling, EAM).
 - Pending DT work package on MCP, DSS, RCS ... [EDMS ID 803428](#)
- AOB



Debriefing meeting with all DT project leaders: 20 Nov, 11:00

Discussed with the 4 large LHC experiments our contribution to Maintenance and Operation 2009 – 2011. Documented in ‘Work Packages’.

M&O Projects

		2008	2009	2010	2011	
LHC	ALICE Operation		8.3	6.7	6.7	} WPs agreed
	LHCb Operation		5.3	3.8	3.8	
	Gas M&O	4.4	7.0	6.5	6.5	
	Magnet M&O	2.7	3.5	3.5	3.5	} Preliminary. WPs in preparation
	ATLAS Operation		4.1	4.1	4.1	
	CMS Operation		3.0	1.2	0.7	
	TOTEM Operation		1.4	0.1	0.1	
Total LHC		7.0	32.6	25.9	25.4	
Non - LHC	NA48/62	1.1	0.1			
	CAST M&O	1.4	1.3	1.3	1.0	
	Total Non - LHC	2.5	1.4	1.3	1.0	

Also continued discussions on new projects. More news in next meeting.



Our new CNC lathe has been fabricated and is ready for reception at the company (D) next week → L. Kottelat and Alain Stalder.

DT Christmas lunch 2008

3 possible options

1. A common Christmas lunch at CERN
2. Individual parties by sections / projects
3. Lunch in a restaurant or similar



Clear preference for option 1.

Date: 16 Dec 2008.

Place: either hall 187 or Salle polyvalente 'PUMP HALL' (B216)

We will form a little organizing committee and share the work across all sections.