

ATLAS UPGRADES

OVERVIEW RICHIESTE FINANZIARIE PER UPGRADE DI FASE 1

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Riunione per PREPARAZIONE Riunioni di ATLAS Italia e
Incontro con i Referee di ATLAS del 4 e 5 Settembre 2013

Phase-1 - TDRs etc

The TDAQ and LAr Phase-1 TDRs are in advanced states of preparation, reviewed internally by the relevant communities and by ATLAS-appointed teams of reader/reviewers

- Talk last week on TDAQ physics case (D Strom)
- Talk today on LAr physics case (M Aleksa)

Advanced drafts of both TDRs will be circulated to ATLAS within the next week - aim to give ATLAS two weeks for comments

TDRs will be sent *as drafts* to the LHCC next week, and presented to them in close-to-final form at the LHCC meeting on 24-26 September

CB approval of the TDRs is planned for the CB meeting in Marrakesh

A further review of the AFP (forward proton tagger) physics case will be held in the near future to consider the progress in the case since the last review in 2012

- Documentation being made available to reviewers this week

QUADRO RIASSUNTIVO DELLE RICHIESTE FINANZIARIE

UPGRADE (Sigla e Responsabile)	Sezioni Coinvolte	FTE	COSTO TOT PROGETTO CORE (kCHF)	TETTO INFN (kCHF / kEuro)(*)	CORE	NON-CORE	Percentuale CORE sul progetto(%)	Ripartizione delle Richieste CORE (kCHF)	Ripartizione delle Richieste NON-CORE (kCHF)
Fast TracKer (FTK P.Giannetti)	Mi, Pi, Pv, LNF	17,2 FTE (+1.8 FTE IAPP)	3940	1320 1100	1080 900	240 200	27	FTK_IM: 162 Amboards e LAMBs: 360 AM chip: 558	Contingenza: 156 AMchip05: 84
New Small Wheel (NSW P.lengo)	Bo Cs LNF Le Na Pv Rm1 Rm2 Rm3	23.2 (di cui 6 Trig NSW)	11373	1374 1145	1038 865	336 280	9	Costruzione MM: 823 HV/LV: 100 Trigger PAD Logic: 115	Tooling MM: 150 Contingenza MM: 162 Contingenza Trigger: 24
Trigger and DAQ (TDAQ A.Negri)	Bo, Ge, Le, LNF, Mi, Na, Pv, Pi, Rm1, Rm2	13 (escl.FTK) 7 No Richieste Finanz. 6 Trig NSW e muCTPi	8573 (muCTPi: 74)	36 30	32 27	4 3	43% su item muCTPi	Interfaccia muCTPi: 32	Contingenza: 4
LAr Calorimeter Upgrad (LAR F.Tartarelli)	Mi	3.2	7590	300 250	300 250	0	4	DC Powering: 300 (100%)	Contingenza ????
Atlas Forward Physics (AFP M.Bruschi)	Bo, Cs, Ge, Mi,, TN (Tracciatore) Bo, Le,Rm2 (Timing diamante backup)	2.9	2500(*)	Discussione su possibile supporto finanziario dopo ATLAS approval					

Totale (kCHF)		46.5 FTE (+ 7 FTE attivita' TDAQ senza richieste)	34403(x)	3030	2450	580
Totale (kEuro)(*)			28669	2525	2042	483

(*) 1E=1.2CHF

(x) Tot Fase1
escluso Tile

(*) Stima preliminare dei costi

AGGIORNAMENTI ... VEDI TALK DEDICATI