

Esperimenti di GRII @ CNAF

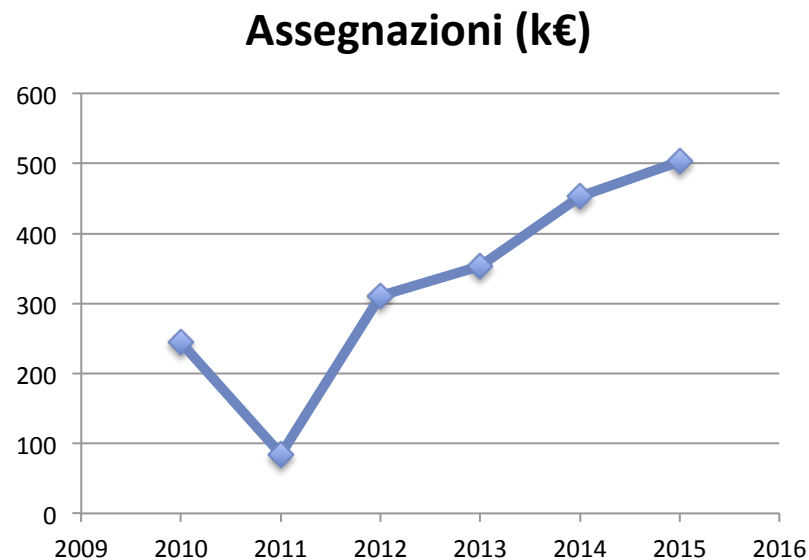
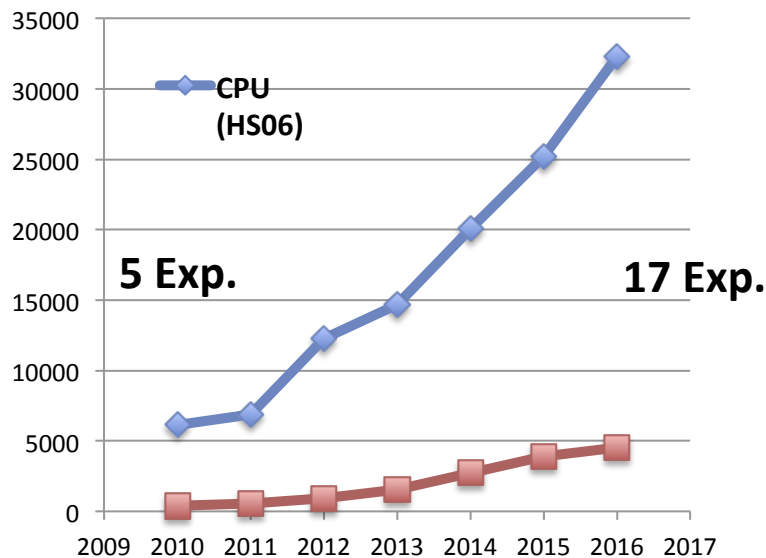
Riunione referee Calcolo

Bologna, 25.5.2015

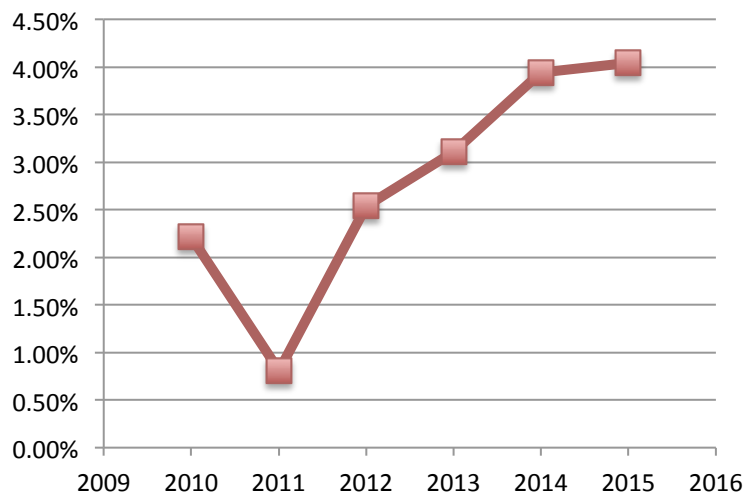
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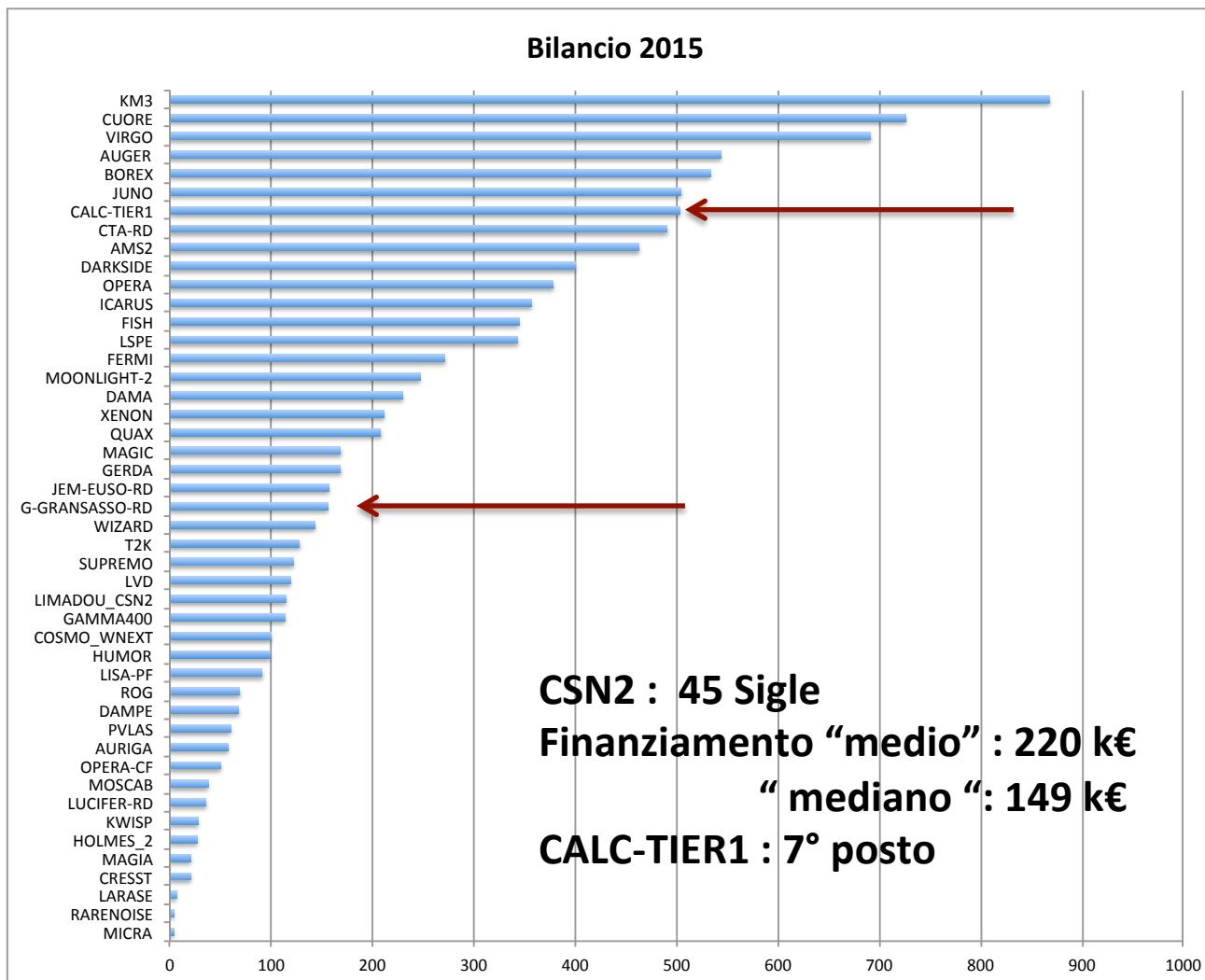
“Peso” del CNAF in CSN2



% Budget CSN2



“Peso” del CNAF in CSN2




Stato 2015-Richieste 2016

Esperimento	2015			2016 (Richieste)			Δ 2015-2016			2016 (Richieste k€)		
	CPU	DISK	TAPE	CPU	DISK	TAPE	CPU	DISK	TAPE	CPU	DISK	TAPE
AMS2	7904	1543	510	10000	1943	510	2096	400	0	29.3	100	0
Argo-ybj	300	320	1000	300	320	1000	0	0	0	0	0	0
Auger	2772	516	0	3172	636	0	400	120	0	5.6	30	0
BOREX	700	120	0	1000	145	9	300	25	9	4.2	6.3	0.2
CTA	3500	140	120	4000	200	120	500	60	0	7	15	0
CUORE	1000	70	0	2000	170	0	1000	100	0	14	25	0
DARKSIDE	6000	670	300	7000	770	300	1000	100	0	14	25	0
Fermi*	900	15	40	900	15	40	0	0	0	0	0	0
ICARUS	0	0	330	0	0	330	0	0	0	0	0	0
JUNO	50	10	0				0	0	0	0	0	0
KM3	0	200	200	0	200	200	0	0	0	0	0	0
LHAASO	300	60	0	300	60	0	0	0	0	0	0	0
LSPE	0	0	0	1500	0	0	1500	0	0	21	0	0
LUCIFER	0	0	0	200	5	0	200	5	0	2.8	1.3	0
Magic	296	65	150	296	65	150	0	0	0	0	0	0
OPERA	200	15	15	200	15	15	0	0	0	0	0	0
PAMELA	550	90	120	700	90	140	150	0	20	2.1	0	0.5
Xenon	700	60	0	700	60	0	0	0	0	0	0	0
Gerda	40	25	20	40	25	20	0	0	0	0	0	0
CSN2 totale	25212	3919	2805	32308	4719	2834	7146	810	29	100	203	1

CPU	14	€/HS
DISK	250	€/TBN
TAPE	25	€/TB

**Virgo 2016: + 15 kHS06 (Tot. 25kHS06)
+ 100 TBN Disk (Tot. 600 TBN)
+ 500 TB Tape**

 Potranno variare per i preventivi, ma rimanendo sostanzialmente dello stesso ordine di grandezza.

 Modello di calcolo ancora da sviluppare.

Rimpiazzi ?

Pledge per anno	2010			2011			2012			2013			2016 (RIMPIAZZI SU PLEDGE)	
	CPU	DISK	TAPE	CPU	DISK	TAPE	CPU	DISK	TAPE	CPU	DISK	TAPE	CPU (2013)	DISK(2011)
AMS2	2413	73	50	2457	143	50	5532	343	150	6532	743	270	1000	70
Argo-ybj	800	140	566	800	160	752	1172	220	970	1600	300	1000	428	20
Auger	800	60	0	1200	110	0	1572	156	0	1972	276	0	400	50
BOREX	0	0	0	0	0	0	1500	50	0	1500	50	0	0	0
CTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DARKSIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fermi*	1400	60	40	1400	60	40	1400	60	40	1400	15	40	0	0
ICARUS	0	0	0	0	0	0	0	0	190	0	0	330	0	0
JUNO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KM3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LHAASO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LSPE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUCIFER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Magic	320	20	30	450	30	50	496	44	69	496	65	80	0	10
OPERA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAMELA	400	48	64	600	60	80	600	69	95	650	75	100	50	12
Xenon	0	0	0	0	0	0	0	0	0	500	20	0	500	0
Gerda	0	0	0	0	0	0	0	0	0	40	20	10	40	0
CSN2 totale	6133	401	750	6907	563	972	12272	942	1514	14690	1564	1830	2418	162
Δ risorse	4205	144	222	774	162	222	5365	379	542	2418	622	316		