

	A	B	C	D	E	F	G	H	I	J	K
1	sec/day	86400		day/month	30						
2	\$/dual	2500		Euro/\$	1.1	IVA	20%				
3	costo TB CNAF (Keu)		SCSI	14	IDE min	6	IDE max	10			
4	costo TB CNAF (KEu)	10	average of above SCSI/IDE								
5	costo dual CNAF (Euro) = as FNAL x Eu/\$ + IVA				3300	=Keuro	3.3				
6	richieste 2003										
7	WHAT			Keuro							
8	CAF (da budget 2002-8):										
9	duals	63		173							
10	disk	22TB		132							
11	Monte Carlo										
12	duals	10		28		perche' 10 nodi	10 ⁷ eventi/mese = 1 data set for each ana				
13						sec/event	15	on P3-500	dual	CPU GHz	1.4
14						sec/event	2.68	on dual	ev/day	3.2E+04	per dual
15						ev/month	9.7E+05	per dual	ev/month	9.7E+06	all duals
16	TOT FNAL			333							
17											
18	CNAF per attivita' bjets ~ 10 persone = 8nb of multijet trigger + Zbbar + fondo + ...										
19	interattivo per ~ 10 persone										
20	duals	5	TB	1							
21	farm per 4TB data (add calib, bkg, MC ==> x1.5)					perche' 4TB		lum (fb ⁻¹)	1	KB/event	300
22	TB	6				multijet	sigma (nb)	9	Nev=	9.0E+06	
23	duals = 6x10GHz/2/1.4 + 10% =			23.6		size (KB)	2.7E+09	size(TB)	2.7		
24	duals (int)=			24		Zbbar	sigma (nb)	3	Nev=	3.0E+06	
25						size (KB)	9.0E+08	size(TB)	0.9		
26	TOTAL CNAF										
27	duals	29		96							
28	TB	7		70							
29	TOTAL CNAF			166							
30											
31											
32	TOTAL KEURO			499							
33											