



Italian Support for Run IIB



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CDF Collaboration
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Outline

- ❖ INFN support to CDF
- ❖ Specific contribution to Run IIB



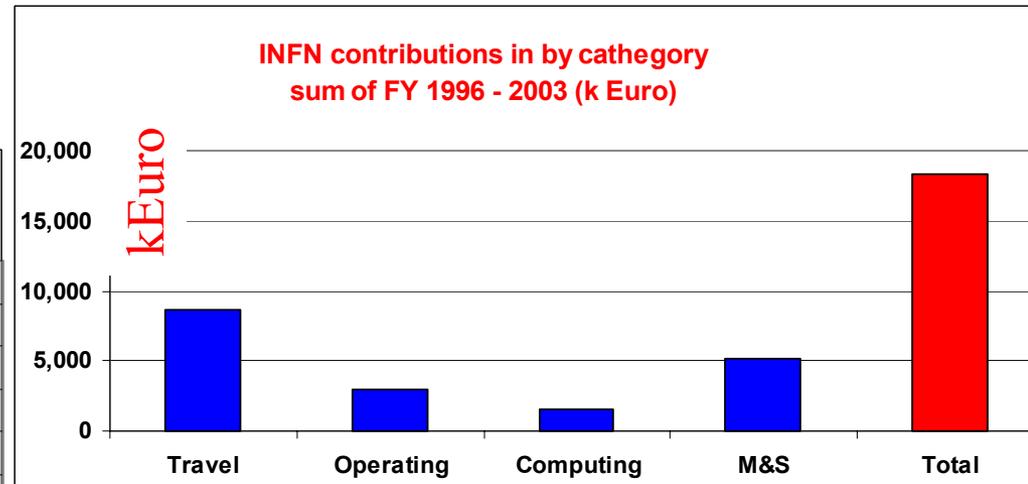
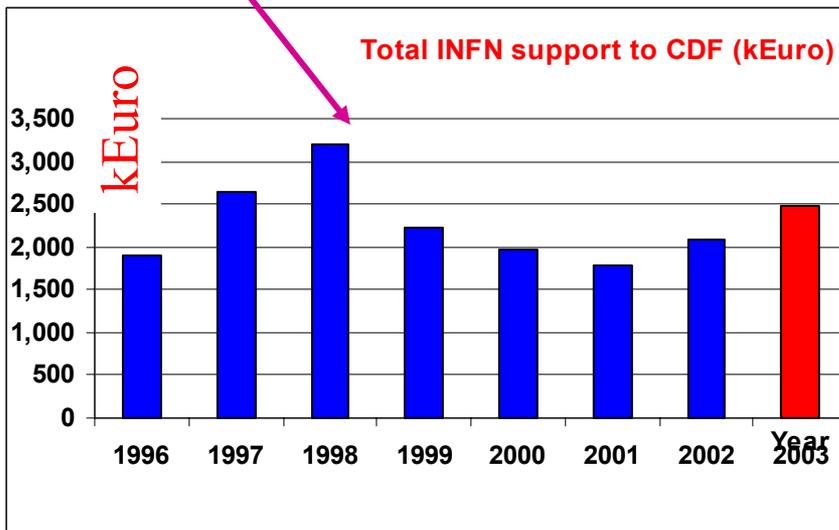
Italian support to CDF



❖ Good support to CDF from INFN over the years

- This support will continue through Run 2B as long as there is an active Italian component in CDF
- Large fraction of the Italian group indicates interest in pursuing Run 2B

Peak of Run 2A constructions



CDF Italian group size:

- **84 physicists**
- **64 FTE**



Run 2B support



❖ Full Run 2B support from INFN at the level described in the table

- Technical manpower/additional long range maint. is not included → ~1M\$
- FTE only include staff physicists: will grow as the projects advance
- Timing of fund availability may still vary – **Integral will not!**
- Most construction funds conditioned to DOE approval of upgrade projects

Project	Subproject	Institution	Plan May '02	M&S + R&D	Total funded	Funded 2002	Funded 2003	SJ 2003	Project FTE	FTE
Silicon tracker	Mechanics	Bologna	32	467	32		32	21	5.1	1
	Chip/PS	Padova	335		185	25	130	130		3.1
	Trigger	Pisa	50		0		0			0.5
	Software Trigger	Roma1 Trieste	50		0		0			0.5
Preshower	Scintillator - fibers- PS - Cables	Pisa	202	202	120	10	110	100	3	2
		Pavia	0							0.5
		Roma1	0							0.5
EM timing		LNF	144	144	130	10	120	60	1.9	1.9
Totali			813	813	435	45	392	311	10	10