

**CDF-II Memorandum of Understanding
among the
Fermi National Accelerator Laboratory,
the CDF-II Collaboration
and The University of Bologna**

I. Personnel and Coordination of Responsibilities

A. The following members of the University of Bologna, Italy and Istituto Nazionale di Fisica Nucleare, are presently participants in the collaboration. This level of commitment is expected to remain approximately constant for three years.

<u>Name</u>	<u>Title</u>	<u>Usual Location</u>	<u>Total CDF Fraction</u>	<u>Other Commitments</u>
F. Rimondi	Physicist	Bologna	100%*	Teach
A. Castro	Physicist	Bologna	50%	Teach, LHC
M. Deninno	Physicist	Bologna	100%	Teach
P. Mazzanti	Physicist	Bologna	50%	Computing
S. Zucchelli	Physicist	Bologna	50%	Teach
F.Margaroli	PhD student	Bologna	100%	
N. Moggi	Post-doc	Bologna	100%	

*F. Rimondi is the University of Bologna CDF-II coordinator

B. The coordinator for the University of Bologna is F. Rimondi and the representative on the CDF-II Executive Board is F. Rimondi. The alternative members for the Executive Board are A. Castro, S. Zucchelli and M. Deninno. Each participating CDF-II institution has one member on the CDF-II Executive Board.

II. Responsibilities of The University of Bologna

A. Project: End Plug Calorimeter HV System

1. Responsible for the maintenance of the End Plug Calorimeter HV hardware (CAEN SY527 HV system). Specifically it will be care of Bologna to maintain an appropriate set of working spare parts and to periodically check the calibration and performance of the HV system. This task will be performed during shutdown periods and in case of accidental occurrence.
2. Responsible for the maintenance of the code of the above system. In particular it will be responsibility of Bologna to keep the code to the current level of efficiency and functionality.

B. Online Activities

1. It will be care of Bologna to take a part in the implementation and maintenance of the high multiplicity and multijet triggers, and whenever needed, to introduce the necessary modification in the relative trigger table.

C. Offline Activities

D. Offline Representative

1. P. Mazzanti

E. Deliverables

F. Operational Activities

1. Post-docs will act as Ace

G. Supervision

1. The End Plug Calorimeter HV hardware system activities are coordinated by S. Zucchelli.
2. The End Plug HV system code maintenance is coordinated by P. Mazzanti.

H. Schedule

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_____	_____
Fermilab Directorate	date
_____	_____
CDF-II Detector Operations Department Head	date
_____	_____
CDF-II Detector Operations Department Head	date
_____	_____
CDF-II Offline Operations Organization Head	date
_____	_____
CDF-II Offline Operations Organization Head	date
_____	_____
CDF-II Spokesperson	date
_____	_____
CDF-II Spokesperson	date
_____	_____
Coordinator for the University of Bologna	date