

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

I. Personnel and Coordination of Responsibilities

A. The following members of the University of Glasgow 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>CDF Fraction 2001/02</u>	<u>CDF Fraction 2002/03</u>	<u>CDF Fraction 2003/04</u>	<u>CDF Fraction 2004/05</u>	<u>Other Commitment</u>
R.St.Denis†	Physicist	FNAL/Glasgow	80%*	80%*	50%*	50%*	LHC, Tevatron
P.J.Bussey†	Physicist	FNAL/Glasgow	80%	80%	80%	80%	ZEUS, Tevatron
S.D'Auria	Physicist	FNAL	100%	100%	50%	50%	LHC (03)
A.S.Thompson	Physicist	Glasgow	50%	50%	50%	50%	LHC
S.Farrington	Student	FNAL	100%	100%	0	0	
B.Ward	Student	FNAL	100%	0	0	0	
S.Waschke	Student	FNAL	100%	0	0	0	
T.Unverhau‡	Student	FNAL/Glasgow	100%	100%	0	0	
L.Nicolas	Student	FNAL	100%	100%	100%	0	
A.N.Other	Student	FNAL	0	100%	100%	100%	
A.N.Other	Student	FNAL	0	0	100%	100%	
A.N.Other	Student	FNAL	0	0	0	100%	

*R. St. Denis is the University of Glasgow CDF-II coordinator. Other 10% duty is LHC.

†R.St.Denis and P.J.Bussey each spend 60% of their time at FNAL

‡T.Unverhau will return to Glasgow after 1-May-2002

B. The coordinator for the University of Glasgow is R. St. Denis and the representative on the CDF-II Executive Board is R. St. Denis. The alternative members for the Executive Board are P.J.Bussey, S.D'Auria and A.S.Thompson.

II. Responsibilities of Glasgow University

A. Project: Database Coordination

1. Co-coordinate CDF Database for Run 2a: R. St. Denis

B. Project: Accelerator Division Work

1. Computations of optimization for Lithium lens for antiproton production: Bussey

C. Project: SvXII

1. SvXII detector commissioning (D' Auria and students)
2. SvX Data Quality and calibration quality monitoring using output of SiliMon with SiliCheck (D' Auria and students).
3. Saverio D' Auria will serve as silicon calibration czar for Run 2a with Amit Lath as his deputy.

D. Online Activities:

1. See Coordination of databases.

E. Offline Activities:

1. Maintenance of Pythia interface (A.S.Thompson)
2. Error checking code for SIXD, ISLD (A.S.Thompson)
3. Header Class maintenance for SIXD, ISLD (A.S.Thompson)
4. Maintenances of validation of the data structures for ISLD, SIXD (A.S.Thompson)
5. Offline Guide Maintenance (R.St.Denis)
6. Coordination of Database project

F. Offline Representative

1. A.S.Thompson

G. Deliverables

1. Installation of SVXII: S. D' Auria and students
2. CDF Offline User's Guide (excluding Monte Carlo Usage: do be done by Manfred Paulini.)
3. Program for Lithium lens computation and results of computations.

H. Operational Activities

1. Post-docs and graduate students will participate as Aces or SOS.
2. Help desk (A.S.Thomopson) Offline Production Shift: R.St.Denis
3. Database Co-Coordination (R. St. Denis)
4. Support of Lithium lens computation program and fielding of computation requests (P. J. Bussey)

I. Supervision

1. Database activities and the Offline Guide are coordinated by R. St.Denis.
2. Silicon activites are coordinated by S. D' Auria.
3. Offline activities are coordinated by A.S.Thompson.

4. Accelerator activities are coordinated by P.J.Bussey.

J. Schedule

1. SvXII installation complete in Nov 2001.
2. SiliCheck will be complete in Nov 2001.
3. Lithium lens program and computations to be complete in Dec 2001.
4. CDF Offline Guide will have a second draft in Jan 2002.
5. CDF Offline Guide validation of examples automatic by April 2002.

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