DOE/SC (CD-1) Review of the Muon to Electron Conversion (Mu2e) Experiment at Fermilab June 5-7, 2012

AGENDA

Tuesday, June 5, 2012—Wilson Hall, the Comitium

8:00 am		DOE Executive Session
		Charge and Procedures ..... D. Lehman
		High Energy Physics Perspective ..... M. Procario, T. Lavine
		Project Overview ..... P. Philp
8:45 am		**Plenary Session—1 West,** Welcome ..... Pier Oddone
8:55 am	P01	Project Overview ..... Ron Ray
10:10 am		**Break—Outside 1 West**
10:25 am	P02	WBS 1.2 Accelerator ..... Steve Werkema
10:50 am	P03	WBS 1.3 Conventional Construction ..... Tom Lackowski
11:15 am	P04	WBS 1.4 Solenoids ..... Mike Lamm
11: 45 am	P05	WBS 1.5 Muon Beamline ..... Sandor Feher
12:05 pm		**Lunch—WH2XO**
1:05 pm	P06	WBS 1.6 Tracker ..... Aseet Mukherjee
1:25 pm	P07	WBS 1.7 Calorimeter ..... Stefano Miscetti
1:45 pm	P08	WBS 1.8 Cosmic Ray Veto ..... Craig Dukes
2:05 pm	P09	WBS 1.9 Trigger and DAQ ..... Mark Bowden
2:25 pm	P10	Common Projects that Support Mu2e ..... Doug Glenzinski
2:50 pm		**Break—Outside 1 West**
3:10 pm		**Breakout Sessions – See Table 1 For Breakout Talks**
		B01 Accelerator and Muon Beamline SC1—1 North (WH1NW)
		B02 Solenoids SC2—Hornet's Nest (WH8XO)
		B03 Calorimeter, Cosmic Ray Veto, Tracker, DAQ SC3/4—Snake Pit (WH2NE)
		B04 Conventional Construction SC5—Racetrack (WH7XO)
		B05 Project Management SC6/7—Comitium (WH2SE)
4:40 pm		DOE Executive Session—**Comitium** ..... D. Lehman
6:30 pm		Adjourn

Wednesday, June 6, 2012

8:00 am	Breakout Sessions (Continued in same rooms)
9:30 am	Break—**Outside Comitium**
9:45 am	Breakout Sessions
11:30 am	**Lunch—WH2XO**
1:30 pm	Subcommittee Working Session—**Comitium**
3:00 pm	**Break—Outside Comitium**
3:15 pm	DOE Full Committee Executive Session—**Comitium** ..... D. Lehman

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Thursday, June 7, 2012

8:00 am	Subcommittee Working Session—**Comitium**
10:00 am	**Break—Outside Comitium**
10:15 am	DOE Full Committee Executive Session Dry Run—**Comitium**.....D. Lehman
12:00 pm	**Lunch—Outside Comitium**
2:00 pm	DOE Summary and Closeout—**1 West** .....D. Lehman
3:00 pm	Adjourn

Table 1
Subcommittee Breakout Session Available Talks

B01	**Accelerator and Muon Beamline**	
	B01-1 Overview – Muon Beamline	S. Feher
	B01-2 WBS 5.2 Vacuum System	J. Brandt
	B01-3 WBS 5.10 Detector Support Structure	R. Bossert
	B01-4 WBS 5.4 Stopping Target	J. Miller
	Reviewer's Choice	
	B01-5 WBS 5.11 System Integration	S. Feher
	B01-6 WBS 5.3 Collimators	N. Andreev
	B01-7 WBS 5.4 Muon Beamline Shielding	N. Andreev
	B01-8 WBS 5.6 Stopping Target Monitor	J. Miller
	B01-9 WBS 5.7 Proton Absorber	R. Bossert
	B01-10 WBS 5.8 Muon Beam Stop	R. Bossert
	B01-11 WBS 5.9 Neutron Absorbers	R. Bossert
	B01-12 Overview - Beamline	S. Werkema
	B01-13 WBS 2.03 Delivery Ring & Transport	J. Morgan
	B01-14 WBS 2.08 External Beamline	C. Johnstone
	B01-15 WBS 2.05 Radiation Safety	A. Leveling
	B01-16 WBS 2.10 Proton Target Station	R. Coleman
	B01-17 WBS 2.09 Extinction Systems	E. Prebys
	B01-18 WBS 2.06 Resonant Extraction	L. Michelotti
	B01-19 WBS 2.07 Delivery Ring RF	J. Dey
B02	**Solenoids**	
	B02-1 Solenoid Introduction	M. Lamm
	B02-2 Cost and Schedule Overview	T. Page
	B02-3 Production Solenoid	V. Kashikhin
	B02-4 Transport Solenoid	G. Ambrosio
	B02-5 Detector Solenoid	M. Lamm
	B02-6 Cryogenic Distribution	T. Peterson
	B02-7 Powering and Quench Protection	M. Lamm
	B02-8 Magnetic Measurements	M. Tartaglia
	B02-9 Installation, Commissioning and Aux. Equip.	T. Page
B03	**Detector**	
	Tracker – Reviewer's Choice	

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	B03-1 WBS 6.04 Tracker Electronics	Y. Kolomensky
	B03-2 Mu2e Tracker Breakout – Mechanical	A. Mukherjee
	Calorimeter – Reviewer's Choice	
	B03-3 EMC Photo-sensors Description, Cost & Schedule 7.04	F. Happacher
	B03-4 EMC Crystals Description, Cost & Schedule 7.02	D. Hitlin
	B03-5EMC Calibration Description, Cost & Schedule 7.06	F. Porter
	B03-6 EMC FEE – LV/HV Description, Cost & Schedule 7.05	S. Miscetti
	CRV - Reviewer's Choice	
	B03-7 Mu2e Cosmic Ray Veto 8.2: Mechanical Design	C. Dukes
	B03-8 Mu2e Cosmic Ray Veto 8.3: Scintillator Extrusions	A. Pla-Dalmau
	B03-9 Mu2e Cosmic Ray Veto 8.4: Fibers	Y. Oksuzian
	B03-10 Mu2e Cosmic Ray Veto 8.5: Photodetectors	P. Rubinov
	B03-11 Mu2e Cosmic Ray Veto 8.6: Electronics	S. Hansen
	B03-12 Mu2e Cosmic Ray Veto 8.7: Module Fabrication	C. Group
	B03-13 Mu2e Cosmic Ray Veto 8.8: Detector Assembly & Installation	C. Dukes
	DAQ Reviewer's Choice	
	B03-14 DAQ Cost & Schedule	M. Bowden
	B03-15 DAQ Hardware	M. Bowden
	B03-16 DAQ Software	K. Biery
B04	**Conventional Construction**	
	B04-1 Introduction	T. Lackowski
	B04-2 Technical Requirements	T. Lackowski
	B04-3 Drawing Review	T. Lackowski
	B04-4 Cost/Schedule Introduction	T. Lackowski
	B04-5 Life Safety	J. Niehoff
	B04-6 Electrical Design	R. Wielgos
	B04-7 Mechanical Design	E. Huedem
	B04-8 Sustainability	E. Huedem
	B04-9 Cost/Schedule Discussion – drill downs	S. Dixon
	B04-10 Escalation Rates	S. Dixon
	B04-11 Risks	S. Dixon
	B04-12 Staffing	S. Dixon
B05	**Management**	
	B05-1 Cost and Schedule Methodology	D. Leeb
	B05-2Cost Range – Draft	R. Ray
	B05-3 Risk Management – Draft	M. Dinnon
	B05-4 ES&H	A. Hahn