

**LBNE Far Site Internal  
Conceptual Design, Cost,  
Schedule and Risk Review**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Committee Executive Session

*Tuesday, 6 December 2011 08:00 (1 hour)*

Contribution ID: 1

Type: **not specified**

## **Committee Executive Session**

*Tuesday, 6 December 2011 17:15 (1 hour)*

Contribution ID: 2

Type: **not specified**

## Welcome and Opening Remarks

**Presenter:** STRAIT, James (FNAL)

Contribution ID: 3

Type: **not specified**

## Welcome and Project Overview

*Tuesday, 6 December 2011 09:00 (55 minutes)*

**Presenter:** STRAIT, James (FNAL)

**Session Classification:** Plenary Session

Contribution ID: 4

Type: **not specified**

## LAr Detector Overview

*Tuesday, 6 December 2011 09:55 (20 minutes)*

**Presenter:** BALLER, Bruce (Fermilab)

**Session Classification:** Plenary Session

Contribution ID: 5

Type: **not specified**

## WCD Overview

*Tuesday, 6 December 2011 10:30 (20 minutes)*

**Presenter:** STEWART, James (BNL)

**Session Classification:** Plenary Session

Contribution ID: 6

Type: **not specified**

## Far Site Conventional Facilities

*Tuesday, 6 December 2011 10:50 (40 minutes)*

**Presenter:** Mr LUNDIN, Tracy (Fermilab)

**Session Classification:** Plenary Session



Contribution ID: 7

Type: **not specified**

## **Cost/Schedule Overview**

*Tuesday, 6 December 2011 11:30 (45 minutes)*

**Presenter:** O'SULLIVAN, Robert (Fermilab)

**Session Classification:** Plenary Session

Contribution ID: 8

Type: **not specified**

## Physics Goals and LAr Capabilities

*Tuesday, 6 December 2011 13:15 (30 minutes)*

**Presenter:** FLEMING, Bonnie (Yale University)

**Session Classification:** Liquid Argon Detector

Contribution ID: 9

Type: **not specified**

## **Committee Report Writing and Dry Runs**

*Friday, 9 December 2011 08:00 (1h 30m)*

Contribution ID: **10**

Type: **not specified**

## Closeout

*Friday, 9 December 2011 11:00 (1 hour)*

ReadyTalk Audio/Web Connection Information:

Audio Login

Toll-Free (US & Canada): 866.740.1260

Italy: 800182592 (Toll Free)

UK: 08004960576 (Toll Free)

Access Code: 8402193

Web Login

Meeting URL: <https://cc.readytalk.com/r/90gb9cu0ack7> Access Code: 8402193

Contribution ID: **11**

Type: **not specified**

## Answers to Questions

*Thursday, 8 December 2011 08:00 (1 hour)*

Contribution ID: 13

Type: **not specified**

## **Committee Executive Session**

*Thursday, 8 December 2011 17:00 (1 hour)*

Contribution ID: 14

Type: **not specified**

## **LAr Subcommittee Report Writing with break at 3:00 PM at WH1N**

*Thursday, 8 December 2011 13:00 (4 hours)*

Teams L1, L2

Contribution ID: 15

Type: **not specified**

## **WCD Subcommittee Report Writing with Break at 3:00 PM at WH1N**

*Thursday, 8 December 2011 13:00 (4 hours)*

Teams W1, W2



Contribution ID: 16

Type: **not specified**

## **CF Subcommittee Report Writing with Break at 3:00 PM at 327 Big Room**

*Thursday, 8 December 2011 13:00 (4 hours)*

Teams CF1, CF2, CF3

Contribution ID: 17

Type: **not specified**

## **CS Subcommittee Report Writing with Break at 3:00 PM at WH1N**

*Thursday, 8 December 2011 13:00 (4 hours)*

Team CS

Contribution ID: **18**

Type: **not specified**

## **Committee Executive Session**

*Wednesday, 7 December 2011 17:00 (1 hour)*

Contribution ID: 19

Type: **not specified**

## Questions from the Committee for the Project

*Wednesday, 7 December 2011 18:00 (30 minutes)*

Contribution ID: 20

Type: **not specified**

## WCD Project Overview and Requirements

*Tuesday, 6 December 2011 13:15 (45 minutes)*

**Presenter:** STEWART, James (BNL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: 21

Type: **not specified**

## Simulation

*Tuesday, 6 December 2011 14:00 (30 minutes)*

**Presenter:** Prof. WALTER, Chris (Duke University)

**Session Classification:** Water Cherenkov Detector

Contribution ID: 22

Type: **not specified**

## Conventional Facilities for WCD

*Tuesday, 6 December 2011 14:30 (30 minutes)*

**Presenter:** WILLHITE, Josh

**Session Classification:** Water Cherenkov Detector

Contribution ID: 23

Type: **not specified**

## **LAr Project Overview and Requirements**

*Tuesday, 6 December 2011 13:45 (45 minutes)*

**Presenter:** BALLER, Bruce (Fermilab)

**Session Classification:** Liquid Argon Detector



Contribution ID: 24

Type: **not specified**

## Conventional Facilities for LAr

*Tuesday, 6 December 2011 14:30 (30 minutes)*

**Presenter:** Mr LUNDIN, Tracy (Fermilab)

**Session Classification:** Liquid Argon Detector

Contribution ID: 25

Type: **not specified**

## **Water Containment Part 1**

*Tuesday, 6 December 2011 15:15 (40 minutes)*

**Presenter:** FEYZI, Farshid

**Session Classification:** Water Cherenkov Detector

Contribution ID: 26

Type: **not specified**

## Deck

*Tuesday, 6 December 2011 15:55 (20 minutes)*

**Presenter:** FOWLER, Jack

**Session Classification:** Water Cherenkov Detector

Contribution ID: 27

Type: **not specified**

## **Water System Part 1**

*Tuesday, 6 December 2011 16:15 (40 minutes)*

**Presenter:** FOWLER, Jack

**Session Classification:** Water Cherenkov Detector

Contribution ID: 28

Type: **not specified**

## **Installation, Integration & Safety with CF**

*Tuesday, 6 December 2011 16:55 (20 minutes)*

**Presenter:** DOLPH, Jeffrey (BNL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: 29

Type: **not specified**

## **PMT Overview and Procurement**

*Tuesday, 6 December 2011 15:15 (30 minutes)*

**Presenter:** MANTSCH, Paul (FNAL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: **30**

Type: **not specified**

## **PMT Mechanical**

*Tuesday, 6 December 2011 15:45 (45 minutes)*

**Presenter:** Dr DIWAN, Milind (BNL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: **31**

Type: **not specified**

## **Base, Cable, and Housing**

*Tuesday, 6 December 2011 16:30 (45 minutes)*

**Presenter:** WENDT, Chris (University of Wisconsin)

**Session Classification:** Water Cherenkov Detector



Contribution ID: 32

Type: **not specified**

## **Cryostat & Cryogenics - Intro & CF Interface**

*Tuesday, 6 December 2011 15:35 (40 minutes)*

**Presenter:** NORRIS, Barry

**Session Classification:** Liquid Argon Detector

Contribution ID: **33**

Type: **not specified**

## **Installation - Intro & CF Interface**

*Tuesday, 6 December 2011 16:15 (30 minutes)*

**Presenter:** HOWELL, Joe (Fermilab)

**Session Classification:** Liquid Argon Detector

Contribution ID: **34**

Type: **not specified**

## **Veto System - Intro & CF Interface**

*Tuesday, 6 December 2011 16:45 (30 minutes)*

**Presenter:** PALEY, Jon

**Session Classification:** Liquid Argon Detector

Contribution ID: 35

Type: **not specified**

## **PMT Optical/Electronic**

*Wednesday, 7 December 2011 08:00 (45 minutes)*

**Presenter:** KLEIN, Josh

**Session Classification:** Water Cherenkov Detector

Contribution ID: 36

Type: **not specified**

## **Integration and Testing**

*Wednesday, 7 December 2011 09:30 (30 minutes)*

**Presenter:** WENDT, C.

**Session Classification:** Water Cherenkov Detector

Contribution ID: 37

Type: **not specified**

## Light Collectors

*Wednesday, 7 December 2011 08:45 (45 minutes)*

**Presenter:** Dr MARICIC, Jelena (Drexel University)

**Session Classification:** Water Cherenkov Detector

Contribution ID: **38**

Type: **not specified**

## **Discussion**

*Wednesday, 7 December 2011 10:00 (15 minutes)*

**Session Classification:** Water Cherenkov Detector

Contribution ID: 39

Type: **not specified**

## **Water System Requirements**

*Wednesday, 7 December 2011 10:30 (20 minutes)*

**Presenter:** SOBEL, Hank

**Session Classification:** Water Cherenkov Detector



Contribution ID: 40

Type: **not specified**

## **Water System Detailed Design**

*Wednesday, 7 December 2011 10:50 (45 minutes)*

**Presenter:** FOWLER, Jack

**Session Classification:** Water Cherenkov Detector

Contribution ID: 41

Type: **not specified**

## **Installation and Integration of Water System**

**Presenter:** DOLPH, Jeffrey (BNL)

Contribution ID: 42

Type: **not specified**

## Material Testing Program

*Wednesday, 7 December 2011 11:35 (20 minutes)*

**Presenter:** Dr HANS, Sunej (Brookhaven National Lab)

**Session Classification:** Water Cherenkov Detector

Contribution ID: 43

Type: **not specified**

## Fill and Drain System

*Wednesday, 7 December 2011 11:55 (20 minutes)*

**Presenter:** ALLSPACH, Del

**Session Classification:** Water Cherenkov Detector

Contribution ID: 44

Type: **not specified**

## PIU and Cabling

*Wednesday, 7 December 2011 08:00 (30 minutes)*

**Presenter:** WARNER, David

**Session Classification:** Water Cherenkov Detector

Contribution ID: 45

Type: **not specified**

## Water Distribution

*Wednesday, 7 December 2011 08:30 (20 minutes)*

**Presenter:** ALLSPACH, Del

**Session Classification:** Water Cherenkov Detector

Contribution ID: 46

Type: **not specified**

## **Magnetic Compensation**

*Wednesday, 7 December 2011 08:50 (20 minutes)*

**Presenter:** ROBL, Phil

**Session Classification:** Water Cherenkov Detector

Contribution ID: 47

Type: **not specified**

## Top Veto

*Wednesday, 7 December 2011 09:10 (15 minutes)*

**Presenter:** BREEDON, Richard

**Session Classification:** Water Cherenkov Detector



Contribution ID: 48

Type: **not specified**

## Installation Equipment

*Wednesday, 7 December 2011 09:25 (15 minutes)*

**Presenter:** FOWLER, Jack

**Session Classification:** Water Cherenkov Detector

Contribution ID: 49

Type: **not specified**

## **Electronics and DAQ Overview**

*Wednesday, 7 December 2011 10:35 (45 minutes)*

**Presenter:** KEARNS, Ed

**Session Classification:** Water Cherenkov Detector

Contribution ID: 50

Type: **not specified**

## **Electronics System Engineering**

*Wednesday, 7 December 2011 11:20 (30 minutes)*

**Presenter:** VAN BERG, Rick

**Session Classification:** Water Cherenkov Detector

Contribution ID: 51

Type: **not specified**

## Electronics System Engineering

Contribution ID: 52

Type: **not specified**

## CF Requirements

*Wednesday, 7 December 2011 08:00 (30 minutes)*

**Presenter:** Mr LUNDIN, Tracy (Fermilab)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 53

Type: **not specified**

## WCD Ventilation, Shafts

*Wednesday, 7 December 2011 08:30 (30 minutes)*

**Presenter:** Mr DEVRIES, Syd (DUSEL)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 54

Type: **not specified**

## **LAr Ventilation, Shafts**

*Wednesday, 7 December 2011 09:00 (30 minutes)*

**Presenter:** Mr DEVRIES, Syd (DUSEL)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 55

Type: **not specified**

## **Waste Rock Handling - WCD and LAr**

*Wednesday, 7 December 2011 09:30 (30 minutes)*

**Presenter:** Mr DEVRIES, Syd (DUSEL)

**Session Classification:** Conventional Facilities at the Far Site



Contribution ID: 56

Type: **not specified**

## WCD Excavation

*Wednesday, 7 December 2011 10:15 (45 minutes)*

**Presenter:** VARDIMAN, David (Sanford Lab)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 57

Type: **not specified**

## **LAr Excavation**

*Wednesday, 7 December 2011 11:00 (45 minutes)*

**Presenter:** VARDIMAN, David (Sanford Lab)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 58

Type: **not specified**

## **LAr Concrete Vessel and Septum**

*Wednesday, 7 December 2011 11:45 (30 minutes)*

**Presenter:** VARDIMAN, David (Sanford Lab)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 59

Type: **not specified**

## **WCD UGI Systems**

*Wednesday, 7 December 2011 10:15 (45 minutes)*

**Presenter:** Mr DEVRIES, Syd (DUSEL)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: **60**

Type: **not specified**

## **LAr UGI Systems**

*Wednesday, 7 December 2011 11:00 (45 minutes)*

**Presenter:** Mr DEVRIES, Syd (DUSEL)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: **61**

Type: **not specified**

## **WCD Surface Facilities**

*Wednesday, 7 December 2011 10:15 (1 hour)*

**Presenter:** DANGERMOND, Steve

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 62

Type: **not specified**

## **LAr Surface Facilities**

*Wednesday, 7 December 2011 11:15 (1 hour)*

**Presenter:** DANGERMOND, Steve

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: **63**

Type: **not specified**

## **Installation & Integration**

*Wednesday, 7 December 2011 13:20 (45 minutes)*

**Presenter:** HOWELL, Joe (Fermilab)

**Session Classification:** Liquid Argon Detector



Contribution ID: **64**

Type: **not specified**

## **Power Distribution and Grounding**

*Wednesday, 7 December 2011 13:00 (20 minutes)*

**Presenter:** JOHNSON, Marvin

**Session Classification:** Liquid Argon Detector

Contribution ID: 65

Type: **not specified**

## **LAr Subcommittee Executive Session**

*Wednesday, 7 December 2011 15:00 (45 minutes)*

**Session Classification:** Liquid Argon Detector

Contribution ID: **66**

Type: **not specified**

## **Cost and Schedule**

*Wednesday, 7 December 2011 16:20 (40 minutes)*

**Presenter:** Mr DOMANN, Ken (Fermilab)

**Session Classification:** Liquid Argon Detector

Contribution ID: 67

Type: **not specified**

## CF Acquisition Plan

*Wednesday, 7 December 2011 13:00 (30 minutes)*

**Presenter:** Mr LUNDIN, Tracy (Fermilab)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: **68**

Type: **not specified**

## **CF Risks**

*Wednesday, 7 December 2011 13:30 (30 minutes)*

**Presenter:** Mr LUNDIN, Tracy (Fermilab)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: **69**

Type: **not specified**

## **CF VE**

*Wednesday, 7 December 2011 14:00 (30 minutes)*

**Presenter:** Mr LUNDIN, Tracy (Fermilab)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 70

Type: **not specified**

## **Interfaces with Sanford Lab**

*Wednesday, 7 December 2011 14:30 (30 minutes)*

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 71

Type: **not specified**

## **CF Subcommittee Executive Session**

*Wednesday, 7 December 2011 15:00 (45 minutes)*

**Session Classification:** Conventional Facilities at the Far Site



Contribution ID: 72

Type: **not specified**

## **Cost and Schedule**

*Wednesday, 7 December 2011 16:00 (30 minutes)*

**Presenters:** SEFCOVIC, Joel; Mr LUNDIN, Tracy (Fermilab)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: 73

Type: **not specified**

## Integration

*Wednesday, 7 December 2011 13:00 (1 hour)*

**Presenter:** DOLPH, Jeffrey (BNL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: 74

Type: **not specified**

## Calibration

*Wednesday, 7 December 2011 13:00 (1 hour)*

**Presenter:** SINNIS, Gus

**Session Classification:** Water Cherenkov Detector

Contribution ID: 75

Type: **not specified**

## Computing

*Wednesday, 7 December 2011 14:00 (1 hour)*

**Presenter:** Dr VIREN, Brett (BNL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: 76

Type: **not specified**

## **WCD Subcommittee Executive Session**

*Wednesday, 7 December 2011 16:15 (45 minutes)*

**Session Classification:** Water Cherenkov Detector

Contribution ID: 77

Type: **not specified**

## **Cost and Schedule**

*Wednesday, 7 December 2011 15:15 (30 minutes)*

**Presenter:** NOVAKOVA, Penka

**Session Classification:** Water Cherenkov Detector

Contribution ID: 78

Type: **not specified**

## **C & S Installation**

*Wednesday, 7 December 2011 15:45 (30 minutes)*

**Presenter:** DOLPH, Jeffrey (BNL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: 79

Type: **not specified**

## **LAr Cost and Schedule Continued**

*Thursday, 8 December 2011 09:00 (1h 30m)*

**Presenter:** Mr DOMANN, Ken (Fermilab)

**Session Classification:** Liquid Argon Detector



Contribution ID: **80**

Type: **not specified**

## **C & S PMTs**

*Thursday, 8 December 2011 09:00 (1h 30m)*

**Presenters:** KADUCAK, M.; MANTSCH, Paul (FNAL)

**Session Classification:** Water Cherenkov Detector with break at 10:30 AM outside WH1N

Contribution ID: **81**

Type: **not specified**

## **Electronics**

*Thursday, 8 December 2011 10:30 (30 minutes)*

**Presenter:** VAN BERG, Rick

**Session Classification:** Water Cherenkov Detector with break at 10:30 AM outside WH1N

Contribution ID: **82**

Type: **not specified**

## Computing

*Thursday, 8 December 2011 11:00 (30 minutes)*

**Presenter:** Dr VIREN, Brett (BNL)

**Session Classification:** Water Cherenkov Detector with break at 10:30 AM outside WH1N

Contribution ID: **83**

Type: **not specified**

## Calibration

*Thursday, 8 December 2011 11:30 (30 minutes)*

**Presenter:** SINNIS, Gus

**Session Classification:** Water Cherenkov Detector with break at 10:30 AM outside WH1N

Contribution ID: **84**

Type: **not specified**

## **C & S Water Containment**

*Thursday, 8 December 2011 09:00 (1h 30m)*

**Presenters:** PAULOS, B.; FEYZI, Farshid; FOWLER, Jack

**Session Classification:** Water Cherenkov Detector with break at 10:30 AM outside WH1N

Contribution ID: **85**

Type: **not specified**

## **Water System**

*Thursday, 8 December 2011 09:00 (45 minutes)*

**Presenter:** FOWLER, Jack

**Session Classification:** Water Cherenkov Detector with break at 10:30 AM outside WH1N

Contribution ID: **86**

Type: **not specified**

## **Integration**

*Thursday, 8 December 2011 11:15 (45 minutes)*

**Presenter:** DOLPH, Jeffrey (BNL)

**Session Classification:** Water Cherenkov Detector with break at 10:30 AM outside WH1N

Contribution ID: 87

Type: **not specified**

## **CF Cost and Schedule Continued**

*Thursday, 8 December 2011 09:00 (1h 15m)*

**Presenters:** SEFCOVIC, Joel; Mr LUNDIN, Tracy (Fermilab)

**Session Classification:** Conventional Facilities at the Far Site



Contribution ID: **88**

Type: **not specified**

## **Cryogenics & Cryostat - Overview**

*Wednesday, 7 December 2011 08:00 (30 minutes)*

**Presenter:** NORRIS, Barry

**Session Classification:** Liquid Argon Detector

Contribution ID: **89**

Type: **not specified**

## **LAr40 Cryostat - Detailed**

*Wednesday, 7 December 2011 08:30 (1 hour)*

**Presenters:** NORRIS, Barry; ADAMOWSKI, Mark

**Session Classification:** Liquid Argon Detector

Contribution ID: **90**

Type: **not specified**

## **ODH Analysis**

*Wednesday, 7 December 2011 09:30 (30 minutes)*

**Presenter:** ADAMOWSKI, Mark

**Session Classification:** Liquid Argon Detector

Contribution ID: **91**

Type: **not specified**

## **Materials Test Stand, LAPD**

*Wednesday, 7 December 2011 11:30 (30 minutes)*

**Presenter:** Dr REBEL, Brian (Fermilab)

**Session Classification:** Liquid Argon Detector

Contribution ID: 92

Type: **not specified**

## 35 Ton Prototype

*Wednesday, 7 December 2011 10:15 (30 minutes)*

**Presenter:** MONTANARI, David

**Session Classification:** Liquid Argon Detector

Contribution ID: 93

Type: **not specified**

## LAr1 kton Prototype

*Wednesday, 7 December 2011 10:45 (45 minutes)*

**Presenter:** HOWELL, Joe (Fermilab)

**Session Classification:** Liquid Argon Detector

Contribution ID: 94

Type: **not specified**

## TPC & Cold Electronics

*Wednesday, 7 December 2011 08:00 (20 minutes)*

**Presenter:** Dr YU, Bo (Brookhaven National Lab)

**Session Classification:** Liquid Argon Detector

Contribution ID: 95

Type: **not specified**

## TPC Mechanical - Detailed

*Wednesday, 7 December 2011 08:20 (30 minutes)*

**Presenter:** Dr YU, Bo (Brookhaven National Lab)

**Session Classification:** Liquid Argon Detector



Contribution ID: 96

Type: **not specified**

## **Cold Electronics - Detailed**

*Wednesday, 7 December 2011 08:50 (30 minutes)*

**Presenter:** THORN, Craig (BNL)

**Session Classification:** Liquid Argon Detector

Contribution ID: 97

Type: **not specified**

## **Cold Electronics Lifetime**

*Wednesday, 7 December 2011 09:20 (15 minutes)*

**Presenter:** RADEKA, Veljko

**Session Classification:** Liquid Argon Detector

Contribution ID: **98**

Type: **not specified**

## **Experience From Operating Detectors**

*Wednesday, 7 December 2011 09:35 (25 minutes)*

**Presenter:** CAVANNA, Flavio

**Session Classification:** Liquid Argon Detector

Contribution ID: 99

Type: **not specified**

## DAQ - Detailed

*Wednesday, 7 December 2011 10:15 (30 minutes)*

**Presenter:** URHEIM, Jon (Indiana University)

**Session Classification:** Liquid Argon Detector

Contribution ID: **100**

Type: **not specified**

## **Photon Detection - Detailed**

*Wednesday, 7 December 2011 10:45 (30 minutes)*

**Presenter:** MUFSON, Stuart

**Session Classification:** Liquid Argon Detector

Contribution ID: **101**

Type: **not specified**

## **Veto System**

*Wednesday, 7 December 2011 11:15 (30 minutes)*

**Presenter:** PALEY, Jon

**Session Classification:** Liquid Argon Detector

Contribution ID: **102**

Type: **not specified**

## **LAr40 Value Engineering**

*Wednesday, 7 December 2011 14:05 (55 minutes)*

**Presenter:** Mr RUCINSKI, Russell (Fermilab)

**Session Classification:** Liquid Argon Detector

Contribution ID: **103**

Type: **not specified**

## **LAr Identified Risks & Mitigation**

*Wednesday, 7 December 2011 16:00 (20 minutes)*

**Presenter:** BALLER, Bruce (Fermilab)

**Session Classification:** Liquid Argon Detector



Contribution ID: **104**

Type: **not specified**

## **LAr40 - CF Interface Overview**

*Tuesday, 6 December 2011 15:15 (20 minutes)*

**Presenter:** Mr RUCINSKI, Russell (Fermilab)

**Session Classification:** Liquid Argon Detector

Contribution ID: **105**

Type: **not specified**

## **Lar4850 Alternate Cryo Delivery Shaft**

*Wednesday, 7 December 2011 11:45 (30 minutes)*

**Presenter:** Mr DEVRIES, Syd (DUSEL)

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: **106**

Type: **not specified**

## **Installation**

*Wednesday, 7 December 2011 14:00 (30 minutes)*

**Presenter:** SHARMA, Rahul (BNL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: **107**

Type: **not specified**

## **Safety**

*Wednesday, 7 December 2011 14:30 (30 minutes)*

**Presenter:** GILL, Ron (BNL)

**Session Classification:** Water Cherenkov Detector

Contribution ID: **108**

Type: **not specified**

## **LAr Cost/Schedule continued**

*Thursday, 8 December 2011 10:45 (1h 15m)*

**Session Classification:** Liquid Argon Detector

Contribution ID: **109**

Type: **not specified**

## **CF Cost/Schedule Continued**

*Thursday, 8 December 2011 10:30 (1h 30m)*

**Session Classification:** Conventional Facilities at the Far Site

Contribution ID: **110**

Type: **not specified**

## **Committee Report Writing and Dry Runs**

*Friday, 9 December 2011 09:45 (1h 15m)*