

Cold Electronics Review



Report of Contributions

Contribution ID: 36

Type: **not specified**

Cold Electronics Organization and Requirements

Wednesday, 12 October 2016 09:00 (20 minutes)

Presenter: WORCESTER, Matthew (BNL)

Session Classification: Plenary

Contribution ID: 37

Type: **not specified**

SBND/ProtoDUNE TPC Design

Wednesday, 12 October 2016 09:20 (30 minutes)

Presenter: YU, Bo (Brookhaven National Lab)

Session Classification: Plenary

Contribution ID: **38**

Type: **not specified**

Overview of Cold Electronics

Wednesday, 12 October 2016 10:10 (1 hour)

Presenter: Dr CHEN, Hucheng (Brookhaven National Lab)

Session Classification: Plenary

Contribution ID: 39

Type: **not specified**

ProtoDUNE/SBND Grounding and Voltage Distribution Plans

Wednesday, 12 October 2016 11:10 (30 minutes)

Presenter: BAGBY, Linda (Fermilab)

Session Classification: Plenary

Contribution ID: 40

Type: **not specified**

Joint Discussion

Wednesday, 12 October 2016 11:40 (50 minutes)

Session Classification: Plenary

Contribution ID: 41

Type: **not specified**

Front-End and ADC ASIC Design

Wednesday, 12 October 2016 13:30 (1 hour)

Presenter: Dr LI, Shaorui (BNL)

Session Classification: Plenary

Contribution ID: 42

Type: **not specified**

FE ASIC Evaluation Results

Contribution ID: 43

Type: **not specified**

FE and ADC ASIC Testing Summary

Wednesday, 12 October 2016 14:30 (30 minutes)

Presenter: Dr GAO, Shanshan (Brookhaven National Laboratory)

Session Classification: Plenary

Contribution ID: 44

Type: **not specified**

Lessons Learned from MicroBooNE/35-ton

Wednesday, 12 October 2016 15:20 (40 minutes)

Presenter: Dr RADEKA, Veljko (BNL)

Session Classification: Plenary

Contribution ID: 45

Type: **not specified**

Plans for ProtoDUNE/SBND Integrated System Testing

Wednesday, 12 October 2016 16:00 (30 minutes)

Presenters: WORCESTER, Matthew (BNL); SHAW, Theresa (FNAL)

Session Classification: Plenary

Contribution ID: 46

Type: **not specified**

SBND/ProtoDUNE Cold Cable and Feed-throughs

Thursday, 13 October 2016 08:00 (45 minutes)

Presenter: YU, Bo (Brookhaven National Lab)

Session Classification: System Design Parallel Session

Contribution ID: 47

Type: **not specified**

SBND Warm Electronics Design and Integration Test with DAQ System

Thursday, 13 October 2016 08:45 (30 minutes)

Presenter: Mr FRIED, Jack (BNL)

Session Classification: System Design Parallel Session

Contribution ID: 48

Type: **not specified**

ProtoDUNE Warm Electronics Design

Thursday, 13 October 2016 09:15 (30 minutes)

Presenters: Mr HAZEN, Eric (Boston University); Mr BERNIS, Hans (UC Davis)

Session Classification: System Design Parallel Session

Contribution ID: 49

Type: **not specified**

SBND Installation and Commissioning Plan

Thursday, 13 October 2016 11:00 (30 minutes)

Presenter: WORCESTER, Elizabeth (BNL)

Session Classification: System Design Parallel Session

Contribution ID: 50

Type: **not specified**

ProtoDUNE Installation and Commissioning Plan

Thursday, 13 October 2016 10:30 (30 minutes)

Presenter: WORCESTER, Matthew (BNL)

Session Classification: System Design Parallel Session

Contribution ID: 51

Type: **not specified**

Joint Discussion

Thursday, 13 October 2016 11:30 (30 minutes)

Session Classification: System Design Parallel Session

Contribution ID: 52

Type: **not specified**

SBND/ProtoDUNE System Interfaces

Thursday, 13 October 2016 10:00 (30 minutes)

Presenters: BAGBY, Linda (Fermilab); SHAW, Theresa (FNAL)

Session Classification: System Design Parallel Session

Contribution ID: 53

Type: **not specified**

Cold Electronics Risks & Plans for Risk Mitigation

Thursday, 13 October 2016 14:00 (30 minutes)

Presenter: WORCESTER, Matthew (BNL)

Session Classification: Plenary

Contribution ID: 54

Type: **not specified**

Potential Catastrophic Failure Modes & System Protections

Thursday, 13 October 2016 14:30 (30 minutes)

Presenter: Dr RADEKA, Veljko (BNL)

Session Classification: Plenary

Contribution ID: 55

Type: **not specified**

Cold Electronics QA/QC Plan

Thursday, 13 October 2016 15:15 (30 minutes)

Presenter: SHOOLTZ, Dean (MSU)

Session Classification: Plenary

Contribution ID: 56

Type: **not specified**

SBND/ProtoDUNE Schedule

Thursday, 13 October 2016 15:45 (30 minutes)

Presenter: WORCESTER, Matthew (BNL)

Session Classification: Plenary

Contribution ID: 57

Type: **not specified**

Tour of Electronics Lab - Group 2

Thursday, 13 October 2016 16:15 (45 minutes)

Presenters: Dr CHEN, Hucheng (Brookhaven National Lab); Dr GAO, Shanshan (Brookhaven National Laboratory)

Session Classification: Plenary

Contribution ID: **58**

Type: **not specified**

TBD

Contribution ID: 59

Type: **not specified**

Joint Discussion

Contribution ID: **60**

Type: **not specified**

Tour of Electronics Lab - Group 1

Thursday, 13 October 2016 11:15 (45 minutes)

Presenters: Dr CHEN, Hucheng (Brookhaven National Lab); Dr GAO, Shanshan (Brookhaven National Laboratory)

Session Classification: ASIC Parallel Session

Contribution ID: **61**

Type: **not specified**

Joint Discussion

Wednesday, 12 October 2016 16:30 (30 minutes)

Session Classification: Plenary

Contribution ID: **62**

Type: **not specified**

ASIC Current Status and Issues

Thursday, 13 October 2016 08:00 (30 minutes)

Presenter: Dr CHEN, Hucheng (Brookhaven National Lab)

Session Classification: ASIC Parallel Session

Contribution ID: **63**

Type: **not specified**

ADC ASIC Evaluation Results

Contribution ID: **64**

Type: **not specified**

Joint Discussion

Thursday, 13 October 2016 10:00 (1h 15m)

Session Classification: ASIC Parallel Session