

**Fermilab Physics Advisory  
Committee Meeting - June  
20-21, 2016**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **POT / Accelerator expectations for FY17**

*Monday, 20 June 2016 10:30 (45 minutes)*

**Presenter:** CONVERY, Mary (Fermilab)

**Session Classification:** Open Session: Ongoing Accelerator-based Program (110')

Contribution ID: 1

Type: **not specified**

## **NOvA update**

*Monday, 20 June 2016 11:15 (30 minutes)*

**Presenter:** Dr SHANAHAN, Peter (Fermilab)

**Session Classification:** Open Session: Ongoing Accelerator-based Program (110')

Contribution ID: 2

Type: **not specified**

## MicroBooNE update

*Monday, 20 June 2016 11:45 (35 minutes)*

(including items from January PAC report)

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

**Session Classification:** Open Session: Ongoing Accelerator-based Program (110')

Contribution ID: 3

Type: **not specified**

## Particle Astrophysics Plan

*Monday, 20 June 2016 14:50 (40 minutes)*

**Presenter:** Dr DODELSON, Scott (Fermilab)

**Session Classification:** Open Session: Non-Accelerator Program and Possibilities (130')

Contribution ID: 4

Type: **not specified**

## **CMB Stage 4 Status**

**Presenter:** Prof. CARLSTROM, John (University of Chicago)

Contribution ID: 5

Type: **not specified**

## **Neutrinoless double-beta-decay overview**

*Monday, 20 June 2016 15:30 (30 minutes)*

**Presenter:** GEESAMAN, Donald (Argonne National Laboratory)

**Session Classification:** Open Session: Non-Accelerator Program and Possibilities (130')

Contribution ID: 6

Type: **not specified**

## **Beyond neutrino oscillation physics with scintillator-based neutrino detectors.**

*Monday, 20 June 2016 16:00 (30 minutes)*

**Presenter:** KLEIN, Josh (University of Pennsylvania)

**Session Classification:** Open Session: Non-Accelerator Program and Possibilities (130')



Contribution ID: 7

Type: **not specified**

## **LBNF update**

*Tuesday, 21 June 2016 08:30 (30 minutes)*

**Presenter:** MOSSEY, Christopher (FNAL)

**Session Classification:** Open session: Future Neutrinos (120')

Contribution ID: 8

Type: **not specified**

## **DUNE update including Near Detector TF report + focus areas from January PAC report**

*Tuesday, 21 June 2016 09:00 (1 hour)*

**Presenter:** Prof. THOMSON, Mark (University of Cambridge)

**Session Classification:** Open session: Future Neutrinos (120')

Contribution ID: 9

Type: **not specified**

## **LBNC Report on DUNE & SBN**

*Tuesday, 21 June 2016 10:00 (30 minutes)*

**Presenter:** Dr MACFARLANE, David (SLAC National Accelerator Lab)

**Session Classification:** Open session: Future Neutrinos (120')

Contribution ID: **10**

Type: **not specified**

## **Muon g-2 inflector**

*Tuesday, 21 June 2016 11:50 (30 minutes)*

**Presenters:** Prof. ROBERTS, Bradley Lee (Boston University); Prof. HERTZOG, David (University of Washington)

**Session Classification:** Open Session: Accelerator-based program and Theory (120')

Contribution ID: **11**

Type: **not specified**

## **MINERvA update**

*Tuesday, 21 June 2016 11:20 (30 minutes)*

**Presenters:** Dr HARRIS, Deborah (Fermilab); Prof. MCFARLAND, Kevin (University of Rochester)

**Session Classification:** Open Session: Accelerator-based program and Theory (120')

Contribution ID: 12

Type: **not specified**

## **ANNIE update / request**

*Tuesday, 21 June 2016 10:50 (30 minutes)*

**Presenter:** Prof. SANCHEZ, Mayly (Iowa State University)

**Session Classification:** Open Session: Accelerator-based program and Theory (120')

Contribution ID: 13

Type: **not specified**

## Theory activities: SLAC

*Tuesday, 21 June 2016 13:45 (25 minutes)*

**Presenter:** Prof. HEWETT, JoAnne (SLAC)

**Session Classification:** Open Session: Accelerator-based program and Theory (120')

Contribution ID: 15

Type: **not specified**

## Theory Plan: Fermilab

*Tuesday, 21 June 2016 13:20 (25 minutes)*

**Presenter:** Dr CARENA, Marcela (Fermilab)

**Session Classification:** Open Session: Accelerator-based program and Theory (120')



Contribution ID: **16**

Type: **not specified**

## LUNCH

*Tuesday, 21 June 2016 12:20 (1 hour)*

**Session Classification:** Open Session: Accelerator-based program and Theory (120')

Contribution ID: 17

Type: **not specified**

## **CMB Stage 4 Status**

*Tuesday, 21 June 2016 14:10 (30 minutes)*

**Presenter:** Prof. CARLSTROM, John (University of Chicago)