

Computing R&D Micro-Retreat

Report of Contributions

Contribution ID: 0

Type: **not specified**

Why are we here?

Friday, 20 April 2018 13:30 (10 minutes)

Presenter: Dr LYON, Adam (Fermilab)

Session Classification: Introduction

Contribution ID: 1

Type: **not specified**

Post-Moore Introduction

Presenter: Mr KOWALKOWSKI, Jim (Fermilab)

Contribution ID: 2

Type: **not specified**

CWP and S2I2

Friday, 20 April 2018 13:40 (5 minutes)

Presenter: Dr KUTSCHKE, Rob (Fermilab)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: 3

Type: **not specified**

HEPCloud Direction

Friday, 20 April 2018 13:45 (5 minutes)

Presenter: Dr HOLZMAN, Burt (FNAL)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: 4

Type: **not specified**

Machine Learning Directions

Friday, 20 April 2018 13:50 (5 minutes)

Presenter: Dr NORD, Brian (Fermilab)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: 5

Type: **not specified**

ROOT i/o directions

Friday, 20 April 2018 13:55 (5 minutes)

Presenter: Mr CANAL, Philippe (FERMILAB)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: 6

Type: **not specified**

Reconstruction directions

Friday, 20 April 2018 14:00 (5 minutes)

Presenter: CERATI, Giuseppe (Fermilab)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: 7

Type: **not specified**

Simulation Directions

Friday, 20 April 2018 14:05 (5 minutes)

Presenter: JUN, Soon Yung (Fermilab)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: 8

Type: **not specified**

CMS Directions

Friday, 20 April 2018 14:10 (15 minutes)

Presenters: Dr JONES, Christopher (Fermilab); TRAN, Nhan (FNAL); Dr GUTSCHE, Oliver (Fermi National Accelerator Laboratory)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: 9

Type: **not specified**

Framework Directions

Friday, 20 April 2018 14:25 (20 minutes)

Presenters: Mr KOWALKOWSKI, Jim (Fermilab); Dr KNOEPFEL, Kyle (Fermilab); Dr PATERNO, Marc (Fermilab); SEHRISH, Saba (Fermilab)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: **10**

Type: **not specified**

Heterogenous Computing and Coherent Interconnects

Friday, 20 April 2018 14:45 (5 minutes)

Presenter: Dr WANG, Michael (Fermilab)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: **11**

Type: **not specified**

Cosmic Software Directions

Friday, 20 April 2018 14:50 (5 minutes)

Presenter: Dr ANNIS, James (Fermilab)

Session Classification: Stepping stones towards DUNE/HL-LHC (near and farther future)

Contribution ID: 12

Type: **not specified**

TDAQ Workshop Summary

Friday, 20 April 2018 15:15 (5 minutes)

Presenter: Mr PROSSER, Alan (Fermilab)

Session Classification: Problems to Confront (~2026+)

Contribution ID: 13

Type: **not specified**

Post Moore Introduction

Friday, 20 April 2018 14:55 (10 minutes)

Presenter: Mr KOWALKOWSKI, Jim (Fermilab)

Session Classification: Problems to Confront (~2026+)

Contribution ID: 14

Type: **not specified**

More for CMS

Friday, 20 April 2018 15:25 (5 minutes)

Presenter: GRAY, Lindsey (Fermilab)

Session Classification: Problems to Confront (~2026+)

Contribution ID: 15

Type: **not specified**

DAQ Directions

Friday, 20 April 2018 15:10 (5 minutes)

Presenter: Dr CANCELO, Gustavo (fermilab)

Session Classification: Problems to Confront (~2026+)

Contribution ID: 16

Type: **not specified**

Energy Frontier Directions

Friday, 20 April 2018 15:20 (5 minutes)

Presenter: DENISOV, Dmitri (Fermilab)

Session Classification: Problems to Confront (~2026+)

Contribution ID: 17

Type: **not specified**

Computing Security

Friday, 20 April 2018 15:05 (5 minutes)

Presenter: Dr ALTUNAY, Mine (FNAL)

Session Classification: Problems to Confront (~2026+)