

VD PD CE Workshop at BNL

Report of Contributions

Contribution ID: 1

Type: **not specified**

Update of PoF development

Wednesday, 13 April 2022 08:20 (20 minutes)

Presenter: PELLICO, William (FNAL)

Session Classification: Session

Contribution ID: 2

Type: **not specified**

DC/DC development at Milano

Wednesday, 13 April 2022 08:50 (20 minutes)

Presenter: GALLICE, Niccolo (University of Milan - INFN Milano)

Session Classification: Session

Contribution ID: 3

Type: **not specified**

SiPM bias HV design based on CW

Wednesday, 13 April 2022 09:20 (20 minutes)

Presenter: SERGIO, Rescia (BNL)

Session Classification: Session

Contribution ID: 4

Type: **not specified**

Introduction

Wednesday, 13 April 2022 08:05 (15 minutes)

Summary of coldbox test in 2021, goal of the workshop, schedule and financial constraints.

Presenters: CAVANNA, Flavio (Fermilab); RIVERA, Ryan (FNAL)

Session Classification: Session

Contribution ID: 5

Type: **not specified**

Test of commercial DC/DC converters at Iowa

Wednesday, 13 April 2022 09:50 (20 minutes)

Presenters: NACHTMAN, Jane; MILLER, Mike

Session Classification: Session

Contribution ID: 6

Type: **not specified**

Test of commercial DC/DC converters at BNL

Wednesday, 13 April 2022 10:20 (20 minutes)

Presenter: TARPARA, Eagekumar

Session Classification: Session

Contribution ID: 7

Type: **not specified**

Development of DC/DC converters at LBL

Wednesday, 13 April 2022 10:50 (20 minutes)

Presenter: TURQUETI, Marcos (LBNL)

Session Classification: Session

Contribution ID: 8

Type: **not specified**

Path forward? Development towards and after FDR?

Wednesday, 13 April 2022 11:20 (20 minutes)

Presenter: RIVERA, Ryan (FNAL)

Session Classification: Session

Contribution ID: 9

Type: **not specified**

Discharge transient propagation along HV bus

Wednesday, 13 April 2022 13:00 (20 minutes)

Presenter: RADEKA, Veljko (BNL)

Session Classification: Session

Contribution ID: **10**

Type: **not specified**

HV discharge studies at BNL

Wednesday, 13 April 2022 13:30 (20 minutes)

Presenter: SERGIO, Rescia (BNL)

Session Classification: Session

Contribution ID: **11**

Type: **not specified**

HV discharge studies at Fermilab

Wednesday, 13 April 2022 14:00 (20 minutes)

Presenter: RUBINOV, Paul (Fermilab)

Session Classification: Session

Contribution ID: 12

Type: **not specified**

Study of effectiveness of Faraday shield design

Wednesday, 13 April 2022 14:30 (20 minutes)

Presenter: YU, Bo (Brookhaven National Lab)

Session Classification: Session

Contribution ID: 13

Type: **not specified**

X-ARAPUCA frame design with Faraday shield

Wednesday, 13 April 2022 15:00 (20 minutes)

Presenters: NACHTMAN, Jane; DEBBINS, Paul (University of Iowa)

Session Classification: Session

Contribution ID: 14

Type: **not specified**

HV discharge mitigation lab tests

Wednesday, 13 April 2022 15:30 (20 minutes)

Presenters: RAGUZIN, Eric; CHEN, Hucheng (Brookhaven National Lab)

Session Classification: Session

Contribution ID: 15

Type: **not specified**

HV discharge test on 300 kV cathode? Motivations and constraints?

Wednesday, 13 April 2022 16:00 (20 minutes)

Presenter: RIVERA, Ryan (FNAL)

Session Classification: Session

Contribution ID: 16

Type: **not specified**

Progress of analog readout design

Thursday, 14 April 2022 08:00 (20 minutes)

Presenter: CHRISTIAN, David (Fermilab)

Session Classification: Session

Contribution ID: 17

Type: **not specified**

Progress of digital readout design

Thursday, 14 April 2022 08:30 (20 minutes)

Presenter: EISCH, Jonathan (Fermilab)

Session Classification: Session

Contribution ID: **18**

Type: **not specified**

Principal findings of CMOS lifetime study

Thursday, 14 April 2022 09:00 (20 minutes)

Presenter: RADEKA, Veljko (BNL)

Session Classification: Session

Contribution ID: 19

Type: **not specified**

Lifetime study of COTS components for SBND/ProtoDUNE-I

Thursday, 14 April 2022 09:30 (20 minutes)

Presenter: GAO, Shanshan (Brookhaven National Laboratory)

Session Classification: Session

Contribution ID: **20**

Type: **not specified**

Reliability study of FD1-HD PD cold amplifier

Thursday, 14 April 2022 10:00 (20 minutes)

Presenter: GOTTI, Claudio (INFN Milano Bicocca)

Session Classification: Session

Contribution ID: 21

Type: **not specified**

Lifetime test plan of PD readout? Focus on lifetime test of key components?

Thursday, 14 April 2022 10:30 (20 minutes)

Presenter: RIVERA, Ryan (FNAL)

Session Classification: Session

Contribution ID: 22

Type: **not specified**

Wrapup - plan of coldbox test in 2022, ProtoDUNE-VD (Module-0) in 2023, next steps of development

Thursday, 14 April 2022 10:50 (20 minutes)

Presenters: CAVANNA, Flavio (Fermilab); RIVERA, Ryan (FNAL)

Session Classification: Session

Contribution ID: 23

Type: **not specified**

Welcome

Wednesday, 13 April 2022 08:00 (5 minutes)

Presenter: CARINI, Gabriella (Brookhaven National Laboratory)

Session Classification: Session