

# **LArSoft Reconstruction Hackathon**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Introduction to protoDUNE TDR

**Session Classification:** Presentations and discussion

Contribution ID: 2

Type: **not specified**

## From simulation to final sensitivity plots

**Presenters:** STEFAN, Dorota (CERN/NCBJ (Warsaw PL)); SULEJ, Robert (FNAL / NCBJ)

**Session Classification:** Presentations and discussion

Contribution ID: 3

Type: **not specified**

## **Task prioritization with regard to protoDUNE/DUNE TDR**

**Session Classification:** Presentations and discussion

Contribution ID: 4

Type: **not specified**

## Reconstruction status in LArSoft

**Session Classification:** LArSoft

Contribution ID: 5

Type: **not specified**

## **LArSoft: hands on**

**Session Classification:** LArSoft

Contribution ID: 6

Type: **not specified**

## **LArSoft: hands on**

**Session Classification:** LArSoft

Contribution ID: 7

Type: **not specified**

## **Convolutional Neural Networks (CNN)**

**Session Classification:** Presentation and discussion



Contribution ID: 8

Type: **not specified**

## **LArSoft: hands on**

**Session Classification:** LArSoft

Contribution ID: 9

Type: **not specified**

## **LArSoft: hands on**

**Session Classification:** LArSoft

Contribution ID: **10**

Type: **not specified**

## **LArSoft: hands on**

**Session Classification:** LArSoft

Contribution ID: **11**

Type: **not specified**

# Welcome

*Wednesday 28 June 2017 09:00 (15 minutes)*

Contribution ID: 12

Type: **not specified**

## **Current sim/reco/analysis workflow/Task prioritization**

*Wednesday 28 June 2017 09:15 (45 minutes)*

Contribution ID: 13

Type: **not specified**

## **Current sim/reco/analysis workflow/Task prioritization**

*Wednesday 28 June 2017 10:20 (1h 40m)*

Contribution ID: 14

Type: **not specified**

## Running example modules + LArSoft: hands-on

*Wednesday 28 June 2017 13:00 (1h 20m)*

**Presenters:** SCARPELLI, Andrea (Universite de Paris VII (FR)); WHITEHEAD, Leigh Howard (CERN); SULEJ, Robert (FNAL / NCBJ)

Contribution ID: 15

Type: **not specified**

## Introduction to TDR

*Wednesday 28 June 2017 14:20 (20 minutes)*

**Presenter:** DE ROECK, Albert (CERN)



Contribution ID: **16**

Type: **not specified**

## **Phycis background**

*Thursday 29 June 2017 14:00 (20 minutes)*

**Presenter:** WORCESTER, Elizabeth

Contribution ID: 17

Type: **not specified**

## **LArSoft: hands-on**

*Wednesday 28 June 2017 14:40 (20 minutes)*

Contribution ID: **18**

Type: **not specified**

## **LArSoft: hands-on**

*Wednesday 28 June 2017 15:20 (1h 40m)*

Contribution ID: **19**

Type: **not specified**

## **LArSoft: hands-on**

*Thursday 29 June 2017 13:00 (1 hour)*

Contribution ID: **20**

Type: **not specified**

## **LArSoft: hands-on**

*Thursday 29 June 2017 10:20 (1h 40m)*

Contribution ID: **21**

Type: **not specified**

## **LArSoft: hands-on**

*Thursday 29 June 2017 15:20 (1h 40m)*

Contribution ID: 22

Type: **not specified**

## **Workflow for data set preparation, CNN**

*Thursday 29 June 2017 09:00 (1 hour)*

Contribution ID: 23

Type: **not specified**

## **LArSoft: hands-on**

*Thursday 29 June 2017 14:20 (40 minutes)*