

# DAQ Review



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## Physics goals of ProtoDUNE NP04

*Thursday, 3 November 2016 09:00 (45 minutes)*

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

Contribution ID: 1

Type: **not specified**

## Overall DAQ architecture

*Thursday, 3 November 2016 09:45 (45 minutes)*

**Presenter:** LEHMANN MIOTTO, Giovanna (CERN)

Contribution ID: 2

Type: **not specified**

## **Experimental area layout for DAQ and its operation**

*Thursday, 3 November 2016 10:45 (30 minutes)*

**Presenter:** SAVAGE, Geoff (Fermilab)

Contribution ID: 3

Type: **not specified**

## Timing, trigger, throttling

*Thursday, 3 November 2016 11:15 (45 minutes)*

**Presenter:** Prof. NEWBOLD, David (University of Bristol / Rutherford Appleton Laboratory)

Contribution ID: 4

Type: **not specified**

## **RCE based TPC readout**

*Thursday, 3 November 2016 12:00 (30 minutes)*

**Presenter:** GRAHAM, Mathew (SLAC)

Contribution ID: 5

Type: **not specified**

## **FELIX based TPC readout**

*Thursday, 3 November 2016 13:45 (30 minutes)*

**Presenter:** FILTHAUT, Frank (Radboud University, Nijmegen and Nikhef)

Contribution ID: 6

Type: **not specified**

## Dataflow software (artDAQ)

*Thursday, 3 November 2016 15:45 (30 minutes)*

**Presenter:** Dr BIERY, Kurt (Fermilab)



Contribution ID: 7

Type: **not specified**

## **Run Control, operational monitoring, configuration**

*Thursday, 3 November 2016 16:15 (30 minutes)*

**Presenter:** Dr KETCHUM, Wesley (Fermi National Accelerator Laboratory)

Contribution ID: 8

Type: **not specified**

## **System testing and exploitation**

*Friday, 4 November 2016 09:00 (45 minutes)*

**Presenter:** HENNESSY, Karol (University of Liverpool)

Contribution ID: 9

Type: **not specified**

## **SSP readout**

*Thursday, 3 November 2016 14:15 (20 minutes)*

**Presenter:** Dr HAIGH, Martin (University of Warwick)

Contribution ID: **10**

Type: **not specified**

## **Beam instrumentation trigger input and readout**

*Thursday, 3 November 2016 14:35 (20 minutes)*

**Presenter:** Dr SALA, Paola (CERN)

Contribution ID: 11

Type: **not specified**

## **Cosmic muons tagger trigger input and readout**

*Thursday, 3 November 2016 14:55 (20 minutes)*

**Presenter:** Dr MARIANI, Camillo (Virginia Tech)

Contribution ID: 12

Type: **not specified**

## Discussion and questions to design team

*Thursday, 3 November 2016 16:45 (2 hours)*

Contribution ID: **13**

Type: **not specified**

## Answers to questions

*Friday, 4 November 2016 09:45 (45 minutes)*

Contribution ID: **14**

Type: **not specified**

## **Executive Session**

*Friday, 4 November 2016 11:00 (1 hour)*



Contribution ID: 15

Type: **not specified**

## **Executive Session**

*Friday, 4 November 2016 13:00 (1 hour)*

Contribution ID: **16**

Type: **not specified**

## Closeout

*Friday, 4 November 2016 14:00 (1 hour)*

**Presenter:** Prof. BROOIJMANS, Gustaaf (Columbia University)

Contribution ID: 17

Type: **not specified**

## Questions to design team

Contribution ID: **18**

Type: **not specified**

## **Executive Session**

*Thursday, 3 November 2016 08:30 (30 minutes)*

**Presenter:** Prof. BROOIJMANS, Gustaaf (Columbia University)

Contribution ID: **19**

Type: **not specified**

# Final Report

*Friday, 4 November 2016 15:00 (20 minutes)*

**Presenter:** Prof. BROOIJMANS, Gustaaf (Columbia University)