

# **ND 280 Upgrade Workshop**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Introduction

*Monday 16 April 2018 09:00 (20 minutes)*

**Presenter:** ZITO, Marco (Université Paris-Saclay (FR))

Contribution ID: 2

Type: **not specified**

## WP1 Mechanics

Contribution ID: 3

Type: **not specified**

**TPC**

Contribution ID: 4

Type: **not specified**

## SuperFGD

Contribution ID: 5

Type: **not specified**

## SuperFGD

Contribution ID: 6

Type: **not specified**

## PI meeting

*Tuesday 17 April 2018 08:30 (1 hour)*

Contribution ID: 7

Type: **not specified**

## Test beam - TOF



Contribution ID: **8**

Type: **not specified**

## **WP1 Mechanics - TDR**

*Tuesday 17 April 2018 11:30 (45 minutes)*

Contribution ID: 9

Type: **not specified**

## Simulation-physics

Contribution ID: **10**

Type: **not specified**

## Discussion/conclusion

*Tuesday 17 April 2018 15:00 (1 hour)*

Contribution ID: **11**

Type: **not specified**

## **Potential for studying neutrons with the superFGD**

*Monday 16 April 2018 17:45 (20 minutes)*

**Presenter:** MANLY, Steven Laurens (University of Rochester (US))

Contribution ID: **12**

Type: **not specified**

## TOF

*Tuesday 17 April 2018 09:30 (20 minutes)*

**Presenter:** KORZENEV, Alexander (Université de Genève (CH))

**Session Classification:** Test beam

Contribution ID: **13**

Type: **not specified**

## **superFGD**

*Tuesday 17 April 2018 09:50 (20 minutes)*

**Presenter:** KUDENKO, Yury (Russian Academy of Sciences (RU))

**Session Classification:** Test beam

Contribution ID: **14**

Type: **not specified**

## TPC

*Tuesday 17 April 2018 10:10 (20 minutes)*

**Session Classification:** Test beam

Contribution ID: 15

Type: **not specified**

## **test beam facilities preparation**

*Tuesday 17 April 2018 10:30 (20 minutes)*

**Session Classification:** Test beam



Contribution ID: **16**

Type: **not specified**

## Introduction

*Monday 16 April 2018 14:00 (20 minutes)*

**Presenter:** YOKOYAMA, Masashi (University of Tokyo (JP))

**Session Classification:** SuperFGD

Contribution ID: 17

Type: **not specified**

## **R&D on the cubes, production and assembly**

*Monday 16 April 2018 14:20 (20 minutes)*

**Presenter:** KUDENKO, Yury (Russian Academy of Sciences (RU))

**Session Classification:** SuperFGD

Contribution ID: **18**

Type: **not specified**

## Box design

*Monday 16 April 2018 14:40 (15 minutes)*

**Presenter:** SGALABERNA, Davide (CERN)

**Session Classification:** SuperFGD

Contribution ID: **19**

Type: **not specified**

## **MPPC-PCB design**

*Monday 16 April 2018 14:55 (15 minutes)*

**Presenters:** MATSUBARA, Tsunayuki (Japan, Tokyo Metropolitan University); MATSUBARA, Tsunayuki (High Energy Accelerator Research Organization (JP))

**Session Classification:** SuperFGD

Contribution ID: **20**

Type: **not specified**

## **Baby MIND electronics**

*Monday 16 April 2018 15:30 (20 minutes)*

**Presenter:** BLONDEL, Alain (Universite de Geneve (CH))

**Session Classification:** SuperFGD

Contribution ID: **21**

Type: **not specified**

## **WAGASCI / CALICE electronics**

*Monday 16 April 2018 15:10 (20 minutes)*

**Presenters:** GASTALDI, Franck (Centre National de la Recherche Scientifique (FR)); DRAPIER, Olivier (CNRS)

**Session Classification:** SuperFGD

Contribution ID: 22

Type: **not specified**

## Material budget

*Monday 16 April 2018 16:30 (15 minutes)*

**Presenter:** IWAMOTO, Konosuke (University of Tokyo (JP))

**Session Classification:** SuperFGD

Contribution ID: 23

Type: **not specified**

## Toward the conceptual design

*Monday 16 April 2018 16:45 (1 hour)*

**Presenters:** SGALABERNA, Davide (CERN); YOKOYAMA, Masashi (University of Tokyo (JP)); MATSUBARA, Tsunayuki (High Energy Accelerator Research Organization (JP))

**Session Classification:** SuperFGD



Contribution ID: 24

Type: **not specified**

## TPC-Field cage

*Monday 16 April 2018 11:20 (20 minutes)*

**Presenter:** COLLAZUOL, Gianmaria (Universita e INFN, Padova (IT))

**Session Classification:** TPC

Contribution ID: 25

Type: **not specified**

## TPC Electric field study

*Monday 16 April 2018 11:40 (20 minutes)*

**Presenter:** MAGALETTI, Lorenzo

**Session Classification:** TPC

Contribution ID: 26

Type: **not specified**

## TPC Module Frame design

*Monday 16 April 2018 12:00 (20 minutes)*

**Presenter:** PRZYBILSKI, Henry (Krakow)

**Session Classification:** TPC

Contribution ID: 27

Type: **not specified**

## TPC gas system

*Monday 16 April 2018 12:20 (20 minutes)*

**Presenter:** GUIDA, Roberto (CERN)

**Session Classification:** TPC

Contribution ID: **28**

Type: **not specified**

## TPC Electronics

*Monday 16 April 2018 13:40 (20 minutes)*

**Presenter:** CALVET, Denis (Université Paris-Saclay (FR))

Contribution ID: 29

Type: **not specified**

## TPC Micromegas

*Monday 16 April 2018 11:00 (20 minutes)*

**Presenter:** DELBART, Alain (Université Paris-Saclay (FR))

**Session Classification:** TPC

Contribution ID: **30**

Type: **not specified**

## **WP1 and TDR**

*Monday 16 April 2018 09:20 (35 minutes)*

**Presenter:** LUX, Thorsten (The Barcelona Institute of Science and Technology (BIST) (ES))

**Session Classification:** WP1 Mechanics

Contribution ID: **31**

Type: **not specified**

## Thoughts about overall design

*Monday 16 April 2018 09:55 (35 minutes)*

**Presenter:** ZITO, Marco (Université Paris-Saclay (FR))

**Session Classification:** WP1 Mechanics



Contribution ID: 32

Type: **not specified**

## SuperFGD Reconstruction

*Tuesday 17 April 2018 13:30 (10 minutes)*

**Presenter:** IWAMOTO, Konosuke (University of Tokyo (JP))

**Session Classification:** Simulation&optimisation

Contribution ID: 33

Type: **not specified**

## **SuperFGD Response with 2017 Test Beam**

*Tuesday 17 April 2018 13:40 (15 minutes)*

**Presenter:** Mr SUVOROV, Sergey (INR RAS, CEA Saclay)

**Session Classification:** Simulation&optimisation

Contribution ID: **34**

Type: **not specified**

## NuMu Selection

*Tuesday 17 April 2018 13:55 (10 minutes)*

**Presenter:** LAMOUREUX, Mathieu (Université Paris-Saclay (FR))

**Session Classification:** Simulation&optimisation

Contribution ID: 35

Type: **not specified**

## TPC Simulation

*Tuesday 17 April 2018 14:05 (15 minutes)*

**Presenter:** JESÚS, César (IFAE)

**Session Classification:** Simulation&optimisation

Contribution ID: 36

Type: **not specified**

## Single Transverse Variables Studies

*Tuesday 17 April 2018 14:20 (20 minutes)*

**Presenter:** DOLAN, Stephen (University of Oxford)

**Session Classification:** Simulation&optimisation

Contribution ID: 37

Type: **not specified**

## Plans toward the TDR

*Tuesday 17 April 2018 14:40 (20 minutes)*

**Presenter:** IWAMOTO, Konosuke (University of Tokyo (JP))

**Session Classification:** Simulation&optimisation