

**Workshop on the LEM/Thick
GEM cryogenic utilization in
pure Argon over large
detection surfaces**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Monday, 6 April 2020 09:00 (10 minutes)

Presenter: Dr DELBART, Alain (Irfu)

Session Classification: Experience from protoDUNE-DP, production means, simulations

Contribution ID: 1

Type: **not specified**

LEMs for protoDUNE-DP, design, QA/QC and tests

Monday, 6 April 2020 09:10 (30 minutes)

Presenter: Dr MAZZUCATO, Edoardo (CEA Saclay)

Session Classification: Experience from protoDUNE-DP, production means, simulations

Contribution ID: 2

Type: **not specified**

Experience with LEMs in protoDUNE-DP

Monday, 6 April 2020 09:40 (30 minutes)

Presenter: EURIN, Guillaume (CEA/IRFU)

Session Classification: Experience from protoDUNE-DP, production means, simulations

Contribution ID: 3

Type: **not specified**

THGEM Production (including new processes and new ideas)

Monday, 6 April 2020 10:25 (30 minutes)

Presenter: DE OLIVEIRA, Rui (CERN)

Session Classification: Experience from protoDUNE-DP, production means, simulations

Contribution ID: 4

Type: **not specified**

THGEM simulations

Monday, 6 April 2020 10:55 (30 minutes)

Presenter: CORREIA, Pedro (University of Aveiro)

Session Classification: Experience from protoDUNE-DP, production means, simulations

Contribution ID: 5

Type: **not specified**

Discussion on LEMs performance in protoDUNE-DP

Monday, 6 April 2020 11:25 (30 minutes)

Presenter: Dr DELBART, Alain (Irfu)

Session Classification: Experience from protoDUNE-DP, production means, simulations

Contribution ID: 6

Type: **not specified**

THGEM Experience at Weizmann

Monday, 6 April 2020 14:00 (30 minutes)

Presenter: BRESSLER, Shikma (Weizmann Institute of Science)

Session Classification: R&D on LEM/Thick GEM, discussion on protoDUNE-DP phase II

Contribution ID: 7

Type: **not specified**

THGEM Experience with COMPASS

Monday, 6 April 2020 14:30 (30 minutes)

Presenter: Dr DALLA TORRE, Silvia (INFN Trieste)

Session Classification: R&D on LEM/Thick GEM, discussion on protoDUNE-DP phase II

Contribution ID: 8

Type: **not specified**

Glass Thick GEM

Monday, 6 April 2020 15:00 (30 minutes)

Presenter: FUJIWARA, Takeshi (National Institute of Advanced Industrial Science and Technology (AIST), JAPAN)

Session Classification: R&D on LEM/Thick GEM, discussion on protoDUNE-DP phase II

Contribution ID: 9

Type: **not specified**

Micro-RWELL

Monday, 6 April 2020 15:30 (30 minutes)

Presenter: BENCIVENNI, Giovanni (INFN INFN-LNF (LABORATORI NAZIONALI DI FRASCATI))

Session Classification: R&D on LEM/Thick GEM, discussion on protoDUNE-DP phase II

Contribution ID: **10**

Type: **not specified**

Charge and light signal amplification in two-phase detectors

Monday, 6 April 2020 16:15 (30 minutes)

Presenter: BUZULUTSKOV, Alexey (Budker Institute of Nuclear Physics of Siberian Branch Russian Academy of Sciences (BINP SB RAS))

Session Classification: R&D on LEM/Thick GEM, discussion on protoDUNE-DP phase II

Contribution ID: 11

Type: **not specified**

Discussion on LEM design for phase II of protoDUNE-DP

Monday, 6 April 2020 17:45 (30 minutes)

Presenter: Dr DELBART, Alain (Irfu)

Session Classification: R&D on LEM/Thick GEM, discussion on protoDUNE-DP phase II

Contribution ID: 12

Type: **not specified**

Design of protoDUNE-DP Charge Readout Planes

Tuesday, 7 April 2020 14:00 (30 minutes)

Presenter: Mr AIMARD, Benjamin (LAPP)

Session Classification: Integration of LEM/Thick GEM on large readout surfaces

Contribution ID: 13

Type: **not specified**

Experience with Charge Readout Planes in protoDUNE-DP operation

Tuesday, 7 April 2020 14:30 (30 minutes)

Presenter: DUCHESNEAU, Dominique (LAPP, CNRS-IN2P3)

Session Classification: Integration of LEM/Thick GEM on large readout surfaces

Contribution ID: 14

Type: **not specified**

Wiring of large surfaces (TBC)

Contribution ID: 15

Type: **not specified**

Electrostatic aspects: charging up effects of dielectrics

Tuesday, 7 April 2020 15:15 (20 minutes)

Presenter: YU, Bo (Brookhaven National Lab)

Session Classification: Integration of LEM/Thick GEM on large readout surfaces

Contribution ID: 16

Type: **not specified**

Foreseen CRP improvements for phase II of protoDUNE-DP

Tuesday, 7 April 2020 15:35 (30 minutes)

Presenter: Mr AIMARD, Benjamin (LAPP)

Session Classification: Integration of LEM/Thick GEM on large readout surfaces

Contribution ID: 17

Type: **not specified**

Discussion on Charge Readout Planes improvements

Tuesday, 7 April 2020 16:05 (30 minutes)

Presenter: DUCHESNEAU, Dominique (LAPP, CNRS-IN2P3)

Session Classification: Integration of LEM/Thick GEM on large readout surfaces

Contribution ID: **18**

Type: **not specified**

R&D on LEM improvements for phase II of ProtoDUNE-DP

Monday, 6 April 2020 17:15 (30 minutes)

Presenter: Dr DELBART, Alain (Irfu)

Session Classification: R&D on LEM/Thick GEM, discussion on protoDUNE-DP phase II

Contribution ID: 19

Type: **not specified**

Multilayer THGEM

Monday, 6 April 2020 16:45 (30 minutes)

Presenter: Dr CORTESI, Marco (National Superconducting Cyclotron Laboratory (Michigan State University))

Session Classification: R&D on LEM/Thick GEM, discussion on protoDUNE-DP phase II