

Fixed target experiments at LHC - strong2020 workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and introduction

Thursday, 5 January 2023 17:00 (10 minutes)

Contribution ID: 2

Type: **not specified**

Fixed targets at the LHC: proposals and challenges

Thursday, 5 January 2023 17:45 (30 minutes)

Presenter: FERRO-LUZZI, Massimiliano (CERN)

Contribution ID: 3

Type: **not specified**

Hadron structure

Contribution ID: 4

Type: **not specified**

QGP physics results overview

Thursday, 5 January 2023 17:15 (30 minutes)

Presenter: OPPEDISANO, Chiara (Universita e INFN Torino (IT))

Contribution ID: 5

Type: **not specified**

Theory predictions for charmed meson production in fixed-target experiments at the LHC and connections with astrophysical applications

Thursday, 5 January 2023 18:45 (30 minutes)

Presenter: GARZELLI, Maria Vittoria

Contribution ID: 6

Type: **not specified**

Spin physics overview at COMPASS

Thursday, 5 January 2023 19:15 (30 minutes)

Presenter: Dr PARSAMYAN, Bakur (CERN, JINR and Turin section of INFN)

Contribution ID: 7

Type: **not specified**

Towards an LHC test stand for double-crystal fixed-target experiments

Friday, 6 January 2023 11:00 (30 minutes)

Presenter: DEWHURST, Kay (CERN)

Contribution ID: 8

Type: **not specified**

Crystal implementation in IR2

Friday, 6 January 2023 09:30 (30 minutes)

Presenter: Dr PATECKI, Marcin (Warsaw University of Technology (PL))

Contribution ID: 9

Type: **not specified**

Interaction of gases and coating

Presenter: PARRAGH, David Mate (CERN)

Contribution ID: **10**

Type: **not specified**

Status of the ALICE fixed target project

Friday, 6 January 2023 10:00 (30 minutes)

Presenter: HADJIDAKIS, Cynthia (Université Paris-Saclay (FR))

Contribution ID: 11

Type: **not specified**

Status of the SMOG2 system at LHCb

Friday, 6 January 2023 09:00 (30 minutes)

Presenter: MARIANI, Saverio (CERN)

Contribution ID: 12

Type: **not specified**

Electromagnetic dipole moments of strange and charm baryons at LHC

Friday, 6 January 2023 11:30 (30 minutes)

Presenter: NERI, Nicola (Università degli Studi e INFN Milano (IT))

Contribution ID: 13

Type: **not specified**

Cold Nuclear Matter in COMPASS

Contribution ID: 14

Type: **not specified**

Overview of the JLab results

Contribution ID: 15

Type: **not specified**

Review of the COMPASS results

Contribution ID: 16

Type: **not specified**

Antiproton production studies in ALICE

Presenter: VAN HULSE, Charlotte (Universidade de Santiago de Compostela (ES))

Contribution ID: 17

Type: **not specified**

Antiproton production in fixed target at LHCb

Friday, 6 January 2023 16:30 (30 minutes)

Presenter: LUCARELLI, Chiara (Universita e INFN, Firenze (IT))

Contribution ID: **18**

Type: **not specified**

Quarkonium rapidity distributions via matching of NLO and High-Energy Factorisation

Friday, 6 January 2023 18:00 (30 minutes)

Presenter: Dr NEFEDOV, Maxim (NCBJ, Warsaw)

Contribution ID: **19**

Type: **not specified**

Open charm production studies in ALICE

Friday, 6 January 2023 17:00 (30 minutes)

Presenter: Dr HAQUE, Md Rihan (Warsaw University of Technology (PL))

Contribution ID: 20

Type: **not specified**

Double j/psi production

Presenter: COLPANI SERRI, Alice (Paris-Saclay University)

Contribution ID: **21**

Type: **not specified**

Heavy Ion results in fixed target mode at LHCb

Saturday, 7 January 2023 09:30 (30 minutes)

Presenter: SELLAM, Sara

Contribution ID: 22

Type: **not specified**

Status of the LHCspin project

Saturday, 7 January 2023 10:00 (30 minutes)

Presenter: DI NEZZA, Pasquale (INFN e Laboratori Nazionali di Frascati (IT))

Contribution ID: 23

Type: **not specified**

Automated perturbative cross section computations for asymmetric nucleus+nucleus reactions using the MadGraph5_aMC@NLO framework

Saturday, 7 January 2023 11:30 (30 minutes)

Presenter: KIKOLA, Daniel (Warsaw University of Technology (PL))

Contribution ID: 24

Type: **not specified**

Cold Nuclear Matter in COMPASS

Contribution ID: 25

Type: **not specified**

Double j/psi production

Friday, 6 January 2023 18:30 (30 minutes)

Presenter: COLPANI SERRI, Alice (Paris-Saclay University)

Contribution ID: 26

Type: **not specified**

UPC in fixed target mode - discussion

Friday, 6 January 2023 19:00 (30 minutes)

Presenters: LANSBERG, Jean-Philippe (Université Paris-Saclay (FR)); LYNCH, Kate (University College Dublin (IE))

Contribution ID: 27

Type: **not specified**

The study of cold nuclear matter effects in charmonia production in π -A collisions with COMPASS

Saturday, 7 January 2023 09:00 (30 minutes)

Presenter: KHATUN, Anisa (The University of Kansas (US))

Contribution ID: 28

Type: **not specified**

Review of the JLab results

Contribution ID: 29

Type: **not specified**

Open charm production studies in ALICE

Presenter: Dr HAQUE, Md Rihan (Warsaw University of Technology (PL))

Contribution ID: **30**

Type: **not specified**

Interaction of gases and coating

Saturday, 7 January 2023 11:00 (30 minutes)

Presenter: PARRAGH, David Mate (CERN)