

Fixed target experiments at LHC - strong2020 workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

Session 2

Contribution ID: 2

Type: **not specified**

Welcome and introduction

Wednesday, 22 June 2022 14:00 (5 minutes)

Session Classification: General aspects and overview

Contribution ID: 3

Type: **not specified**

Unpolarized and polarized hadron structure

Wednesday, 22 June 2022 14:05 (30 minutes)

Presenter: SIGNORI, Andrea (University of Pavia and Jefferson Lab)

Session Classification: General aspects and overview

Contribution ID: 4

Type: **not specified**

QGP physics in fixed target collisions

Wednesday, 22 June 2022 15:05 (30 minutes)

Presenter: TRZECIAK, Barbara Antonina (Czech Technical University in Prague)

Session Classification: General aspects and overview

Contribution ID: 5

Type: **not specified**

Antimatter in cosmic rays: the role of cross sections

Wednesday, 22 June 2022 14:35 (30 minutes)

Presenter: DONATO, Fiorenza (INFN - National Institute for Nuclear Physics)

Session Classification: General aspects and overview

Contribution ID: 6

Type: **not specified**

Jet physics at sPHENIX

Wednesday, 22 June 2022 16:30 (30 minutes)

Primary author: TAPIA ARAYA, Sebastian (Federico Santa Maria Technical University (CL))

Presenter: TAPIA ARAYA, Sebastian (Federico Santa Maria Technical University (CL))

Session Classification: General aspects and overview

Contribution ID: 7

Type: **not specified**

Cold Nuclear Matter effects at LHC fixed-target experiment energy

Wednesday, 22 June 2022 17:00 (30 minutes)

Presenter: GONZALEZ FERREIRO, Elena

Session Classification: General aspects and overview

Contribution ID: 8

Type: **not specified**

Synergies between the EIC and FT@LHC projects

Wednesday, 22 June 2022 17:30 (30 minutes)

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

Session Classification: General aspects and overview

Contribution ID: 9

Type: **not specified**

Hadron production

Thursday, 23 June 2022 10:00 (30 minutes)

Presenter: SELLAM, Sara

Session Classification: Physics and phenomenology

Contribution ID: **10**

Type: **not specified**

Antiproton production from p-He collisions in LHCb

Thursday, 23 June 2022 10:30 (30 minutes)

Presenter: MARIANI, Saverio (Universita e INFN, Firenze (IT))

Session Classification: Physics and phenomenology

Contribution ID: 11

Type: **not specified**

Antiproton production in ALICE

Thursday, 23 June 2022 11:00 (30 minutes)

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

Session Classification: Physics and phenomenology

Contribution ID: 12

Type: **not specified**

Open charm production in ALICE

Thursday, 23 June 2022 11:30 (30 minutes)

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

Session Classification: Physics and phenomenology

Contribution ID: 13

Type: **not specified**

The Seldom project

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

Session Classification: Physics and phenomenology

Contribution ID: 14

Type: **not specified**

Charm production in p-Ne collisions at LHCb

Thursday, 23 June 2022 14:00 (30 minutes)

Presenter: MAURICE, Emilie (Centre National de la Recherche Scientifique (FR))

Session Classification: Physics and phenomenology

Contribution ID: 15

Type: **not specified**

Charm production in Pb-Ne collisions at LHCb

Thursday, 23 June 2022 14:30 (30 minutes)

Presenter: FLEURET, Frederic (Laboratoire Leprince-Ringuet - Ecole polytechnique)

Session Classification: Physics and phenomenology

Contribution ID: 16

Type: **not specified**

The energy dependence of pT-integrated quarkonium cross sections

Thursday, 23 June 2022 15:00 (30 minutes)

Presenter: NEFEDOV, Maxim (NCBJ, Warsaw)

Session Classification: Physics and phenomenology

Contribution ID: 17

Type: **not specified**

Gas Injection into LHC

Friday, 24 June 2022 10:30 (30 minutes)

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

Session Classification: Hardware and Implementations

Contribution ID: **18**

Type: **not specified**

Crystal implementation at IR2 and studies at IR3

Friday, 24 June 2022 11:30 (50 minutes)

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

Session Classification: Hardware and Implementations

Contribution ID: **19**

Type: **not specified**

Crystal studies at IR3

Session Classification: Hardware and Implementations

Contribution ID: 20

Type: **not specified**

The SELDOM project implementation - tbc

Session Classification: Hardware and Implementations

Contribution ID: 21

Type: **not specified**

Status of the ALICE fixed target project

Friday, 24 June 2022 09:00 (30 minutes)

Presenter: MASSACRIER, Laure Marie (Université Paris-Saclay (FR))

Session Classification: Hardware and Implementations

Contribution ID: 22

Type: **not specified**

Status of the SMOG2 fixed target system at LHCb

Friday, 24 June 2022 09:30 (30 minutes)

Presenter: FRANZOSO, Edoardo (Universita e INFN, Ferrara (IT))

Session Classification: Hardware and Implementations

Contribution ID: 23

Type: **not specified**

The LHCspin project

Friday, 24 June 2022 10:00 (30 minutes)

Presenter: PAPPALARDO, Luciano Libero (Universita e INFN, Ferrara (IT))

Session Classification: Hardware and Implementations

Contribution ID: 24

Type: **not specified**

Fixed targets issues at LHC

Session Classification: Hardware and Implementations

Contribution ID: 25

Type: **not specified**

Direct measurement of electromagnetic dipole moments of strange baryons at LHCb

Thursday, 23 June 2022 16:00 (30 minutes)

Presenters: TONANI, Giorgia (Università degli Studi e INFN Milano (IT)); SANDERSWOOD, Izaak (Univ. of Valencia and CSIC (ES))

Session Classification: Physics and phenomenology

Contribution ID: 26

Type: **not specified**

Direct measurement of electromagnetic dipole moments of charm baryons at LHC

Thursday, 23 June 2022 16:30 (30 minutes)

Presenters: MERLI, Andrea (Università degli Studi e INFN Milano (IT)); MARANGOTTO, Daniele (Università degli Studi e INFN Milano (IT))

Session Classification: Physics and phenomenology

Contribution ID: 27

Type: **not specified**

Double J/psi production

Thursday, 23 June 2022 17:00 (30 minutes)

Presenter: COLPANI SERRI, Alice (University of Ferrara; Université Paris-Saclay (FR))

Session Classification: Physics and phenomenology

Contribution ID: **28**

Type: **not specified**

Heavy flavour production in heavy-ion collisions

Wednesday, 22 June 2022 15:35 (30 minutes)

Presenters: ILIC (BLAGOJEVIC), Bojana; DJORDJEVIC, Magdalena

Session Classification: General aspects and overview

Contribution ID: 29

Type: **not specified**

Implementation and performance of a Fixed Target System in STAR at RHIC

Friday, 24 June 2022 12:20 (30 minutes)

Presenter: TLUSTY, David (Creighton University)

Session Classification: Hardware and Implementations

Contribution ID: **30**

Type: **not specified**

ALICE-FT meeting

Thursday, 23 June 2022 09:00 (30 minutes)

Session Classification: Physics and phenomenology