

**JENAA workshop on Nuclear
Physics at the LHC and
connections to astrophysics**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Tuesday morning

Contribution ID: 2

Type: **not specified**

Tuesday afternoon

Contribution ID: 3

Type: **not specified**

Measurements of nuclei and antinuclei at LHCb

Monday 19 August 2024 09:30 (30 minutes)

Presenter: POESCHL, Thomas (CERN)

Session Classification: Monday morning

Contribution ID: 4

Type: **not specified**

hypernuclei measurements at the LHC

Tuesday 20 August 2024 12:00 (30 minutes)

Presenter: MAZZASCHI, Francesco (CERN)

Session Classification: Tuesday morning

Contribution ID: 5

Type: **not specified**

Nuclei and correlations with NA61

Monday 19 August 2024 10:00 (30 minutes)

Presenter: SHUKLA, Anirvan (University of Hawai'i at Manoa (US))

Session Classification: Monday morning

Contribution ID: 6

Type: **not specified**

Overview of the GAPS experiment

Monday 19 August 2024 16:00 (30 minutes)

Presenter: VON DOETINCHEM, Philip (University of Hawaii at Manoa)

Session Classification: Monday afternoon

Contribution ID: 7

Type: **not specified**

Overview of dark matter searches with cosmic antiprotons

Monday 19 August 2024 10:30 (30 minutes)

Presenter: Dr DELLA TORRE LUQUE, Pedro

Session Classification: Monday morning

Contribution ID: 8

Type: **not specified**

Dark matter searches with cosmic antideuterons and antihelium

Monday 19 August 2024 11:30 (30 minutes)

Presenter: SALATI, P. (Unite Reseaux du CNRS (FR))

Session Classification: Monday morning

Contribution ID: 9

Type: **not specified**

Overview of two body interactions with strangeness

Monday 19 August 2024 12:30 (30 minutes)

Presenter: ŠERKŠNYTĖ, Laura (Technische Universitaet Muenchen (DE))

Session Classification: Monday morning

Contribution ID: **10**

Type: **not specified**

Overview of three body interactions with strangeness

Monday 19 August 2024 14:30 (30 minutes)

Presenters: DEL GRANDE, Raffaele (Technische Universitaet Muenchen (DE)); DEL GRANDE, Raffaele (Technical University of Munich (TUM))

Session Classification: Monday afternoon

Contribution ID: 11

Type: **not specified**

Equation of state of neutron stars with strangeness

Monday 19 August 2024 15:00 (30 minutes)

Presenter: VIDANA, Isaac (INFN)

Session Classification: Monday afternoon

Contribution ID: 12

Type: **not specified**

FIRST MEASUREMENT OF ANTIPROTON PRODUCTION IN p-He COLLISIONS AT THE AMBER EXPERIMENT AT CERN

Monday 19 August 2024 16:30 (30 minutes)

Presenter: GIORDANO, Davide (INFN Torino)

Session Classification: Monday afternoon

Contribution ID: 13

Type: **not specified**

BESS overview

Tuesday 20 August 2024 09:30 (30 minutes)

Presenter: SAKAI, Kenichi (NASA/GSFC/CRESST/UMBC)

Session Classification: Tuesday morning

Contribution ID: 14

Type: **not specified**

AMS overview

Tuesday 20 August 2024 10:30 (30 minutes)

Presenter: OLIVA, Alberto (Universita e INFN, Bologna (IT))

Session Classification: Tuesday morning

Contribution ID: 15

Type: **not specified**

Antiprotons results from SMOG/LHCb

Tuesday 20 August 2024 10:00 (30 minutes)

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

Session Classification: Tuesday morning

Contribution ID: 16

Type: **not specified**

Particle emitting source at the LHC

Monday 19 August 2024 12:00 (30 minutes)

Presenter: MIHAYLOV, Dimitar Lubomirov (Technische Universitaet Muenchen (DE))

Session Classification: Monday morning

Contribution ID: 17

Type: **not specified**

Coalescence Models

Tuesday 20 August 2024 11:30 (30 minutes)

Presenters: KACHELRIESS, Michael; KACHELRIESS, Michael (Unknown)

Session Classification: Tuesday morning

Contribution ID: 18

Type: **not specified**

Coalescence models for A=3 nuclei

Tuesday 20 August 2024 16:30 (30 minutes)

Presenter: MAHLEIN, Maximilian (Technische Universitaet Muenchen (DE))

Session Classification: Tuesday afternoon

Contribution ID: 19

Type: **not specified**

Baysian analysis of astro-particle and nuclear physics data

Tuesday 20 August 2024 14:30 (30 minutes)

Presenter: SVENSON, Isak

Session Classification: Tuesday afternoon

Contribution ID: 20

Type: **not specified**

CR propagation interpretation and key measurements

Tuesday 20 August 2024 15:00 (30 minutes)

Presenter: MAURIN, David Alain (Centre National de la Recherche Scientifique (FR))

Session Classification: Tuesday afternoon

Contribution ID: 21

Type: **not specified**

NICER results

Tuesday 20 August 2024 14:00 (30 minutes)

Presenter: WATTS, Anna

Session Classification: Tuesday afternoon

Contribution ID: 22

Type: **not specified**

Overview on cross section uncertainties (TBC)

Session Classification: Tuesday afternoon

Contribution ID: 23

Type: **not specified**

Wrap up

Tuesday 20 August 2024 17:00 (30 minutes)

Presenters: KALWEIT, Alexander Philipp (CERN); FABBETTI, Laura (Technische Universitaet Muenchen (DE))

Session Classification: Tuesday afternoon

Contribution ID: 24

Type: **not specified**

Introduction

Monday 19 August 2024 09:20 (5 minutes)

Session Classification: Monday morning

Contribution ID: 25

Type: **not specified**

Axions in neutron stars

Tuesday 20 August 2024 16:00 (30 minutes)

Presenter: SPRINGMANN, Konstantin (Weizmann Institute)

Session Classification: Tuesday afternoon