

Production and Structure of Matter and Antimatter at High Energies: PAW'25



Report of Contributions

Contribution ID: 1

Type: **not specified**

Lattice QCD: Parton distributions for pions and kaons

Monday 2 June 2025 11:30 (30 minutes)

Presenter: ALEXANDROU, Constantia

Session Classification: Drell-Yan Physics

Contribution ID: 2

Type: **not specified**

Parton distribution in pions and kaons: Experiments

Monday 2 June 2025 12:00 (30 minutes)

Presenter: PENG, Jen-Chieh (University of Illinois at Urbana-Champaign)

Session Classification: Drell-Yan Physics

Contribution ID: 3

Type: **not specified**

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Session Classification: Drell-Yan Physics

Contribution ID: 4

Type: **not specified**

Studies of strange mesons at LHCb

Monday 2 June 2025 09:20 (25 minutes)

Presenter: Prof. PALANO, Antimo (Universita e INFN, Bari (IT))

Session Classification: Future Perspectives

Contribution ID: 5

Type: **not specified**

Exotic hadrons with hidden strangeness

Monday 2 June 2025 09:45 (25 minutes)

Presenter: ZOU, Bing-Song (Chinese Academy of Sciences)

Session Classification: Future Perspectives

Contribution ID: 6

Type: **not specified**

Dispersive analysis of Primakoff reactions with kaons

Monday 2 June 2025 10:10 (25 minutes)

Presenter: KUBIS, Bastian

Session Classification: Future Perspectives

Contribution ID: 7

Type: **not specified**

The SoLID Program at JLab

Monday 2 June 2025 10:35 (25 minutes)

Presenter: CHEN, Jian-Ping

Session Classification: Future Perspectives

Contribution ID: 8

Type: **not specified**

The PRad-II Experiment at Jefferson Lab

Monday 2 June 2025 12:30 (30 minutes)

Presenter: ACHENBACH, Patrick

Session Classification: Proton Radius

Contribution ID: 9

Type: **not specified**

News from ULQ2 and SCRIT

Monday 2 June 2025 14:35 (30 minutes)

Presenter: Prof. SUDA, Toshimi (Tohoku University)

Session Classification: Proton Radius

Contribution ID: **10**

Type: **not specified**

Muonic Hydrogen Spectroscopy (Theory)

Monday 2 June 2025 15:05 (30 minutes)

Presenter: HAGELSTEIN, Franziska (JGU Mainz & PSI)

Session Classification: Proton Radius

Contribution ID: **11**

Type: **not specified**

The Proton Radius Measurement at AMBER

Monday 2 June 2025 15:35 (25 minutes)

Presenter: EICHHORN, Karl (Technische Universitaet Muenchen (DE))

Session Classification: Proton Radius

Contribution ID: 12

Type: **not specified**

Antimatter production with AMBER

Tuesday 3 June 2025 10:05 (30 minutes)

Presenter: CHIOSSO, Michela (University of Torino and INFN)

Session Classification: Antimatter

Contribution ID: 13

Type: **not specified**

Antimatter in space with AMS-02

Monday 2 June 2025 16:30 (30 minutes)

Presenter: SONNABEND, Robin Joscha (Rheinisch Westfaelische Tech. Hoch. (DE))

Session Classification: Antimatter

Contribution ID: 14

Type: **not specified**

Antihelium production in pp collisions at LHCb

Monday 2 June 2025 17:00 (20 minutes)

Presenter: JAGE, Hendrik (Rheinisch Westfaelische Tech. Hoch. (DE))

Session Classification: Antimatter

Contribution ID: 15

Type: **not specified**

Antihelium production in Lambda_b decays

Monday 2 June 2025 17:20 (20 minutes)

Presenter: MOISE, Razvan-Daniel (Rheinisch Westfaelische Tech. Hoch. (DE))

Session Classification: Antimatter

Contribution ID: **16**

Type: **not specified**

Antimatter production with ALICE

Monday 2 June 2025 17:40 (30 minutes)

Presenter: Mr CALIVA, Alberto (Universita e INFN, Salerno (IT))

Session Classification: Antimatter

Contribution ID: 17

Type: **not specified**

Antihelium production on nuclei with LHCb

Tuesday 3 June 2025 09:05 (30 minutes)

Presenter: Dr POSCHL, Thomas (CERN)

Session Classification: Antimatter

Contribution ID: **18**

Type: **not specified**

Antimatter in Cosmic Rays

Tuesday 3 June 2025 09:35 (30 minutes)

Presenter: GENOLINI, Yoann

Session Classification: Antimatter

Contribution ID: **19**

Type: **not specified**

Antinuclei formation

Presenter: BLUM, Kfir (CERN)

Session Classification: Antimatter

Contribution ID: 20

Type: **not specified**

Dark Matter with FERMI

Tuesday 3 June 2025 11:05 (30 minutes)

Presenter: MAZZIOTTA, Nicola (Universita e INFN, Bari (IT))

Session Classification: Antimatter

Contribution ID: 21

Type: **not specified**

Antimatter absorption with ALICE

Tuesday 3 June 2025 11:35 (25 minutes)

Presenter: PINTO, Chiara (CERN)

Session Classification: Antimatter

Contribution ID: 22

Type: **not specified**

Antimatter search with GAPS

Tuesday 3 June 2025 12:00 (25 minutes)

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

Session Classification: Antimatter

Contribution ID: 23

Type: **not specified**

Antinuclei from dark matter

Tuesday 3 June 2025 12:25 (20 minutes)

Presenter: LINDEN, Tim

Session Classification: Antimatter

Contribution ID: 24

Type: **not specified**

Progress and status of the MUSE experiment

Tuesday 3 June 2025 14:25 (25 minutes)

Presenter: Dr ROSTOMYAN, Tigran (Paul Scherrer Institute)

Session Classification: Proton Radius

Contribution ID: 25

Type: **not specified**

Proton mass and scalar radius

Tuesday 3 June 2025 14:50 (25 minutes)

Presenter: MEZIANI, Zein-Eddine (Argonne National Laboratory)

Session Classification: Proton Radius

Contribution ID: 26

Type: **not specified**

Radiative Corrections to elastic muon-proton scattering

Tuesday 3 June 2025 15:15 (25 minutes)

Presenter: Prof. KAISER, Norbert

Session Classification: Proton Radius

Contribution ID: 27

Type: **not specified**

New developments with McMule

Tuesday 3 June 2025 15:40 (20 minutes)

Presenter: ROCCO, Marco

Session Classification: Proton Radius

Contribution ID: 28

Type: **not specified**

Nuclear fragmentation at NA61

Tuesday 3 June 2025 16:40 (25 minutes)

Presenter: UNGER, Michael (Karlsruhe Institute for Technology)

Session Classification: Future Perspectives

Contribution ID: 29

Type: **not specified**

Heavy quarkonia and Drell-Yan from CMS

Tuesday 3 June 2025 17:05 (30 minutes)

Presenter: HU, Zhen (Tsinghua University (CN))

Session Classification: Future Perspectives

Contribution ID: **30**

Type: **not specified**

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Session Classification: Future Perspectives

Contribution ID: **31**

Type: **not specified**

Pion and nucleon gravitational form factors

Tuesday 3 June 2025 17:35 (25 minutes)

Presenter: YAO, De-Liang

Session Classification: Future Perspectives

Contribution ID: 32

Type: **not specified**

Functional Methods

Tuesday 3 June 2025 18:00 (25 minutes)

Presenter: MIRAMONTES LOPEZ, Angel Salvador (University of Graz)

Session Classification: Future Perspectives

Contribution ID: 33

Type: **not specified**

Nucleon Structure at LHC Spin

Wednesday 4 June 2025 09:00 (30 minutes)

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

Session Classification: Drell-Yan Physics

Contribution ID: **34**

Type: **not specified**

Drell-Yan studies at LHCb

Wednesday 4 June 2025 09:30 (30 minutes)

Presenter: ARATA, Carolina (Université Paris-Saclay (FR))

Session Classification: Drell-Yan Physics

Contribution ID: 35

Type: **not specified**

Drell-Yan for pion PDF

Wednesday 4 June 2025 10:00 (30 minutes)

Presenter: DING, Minghui (Peking University)

Session Classification: Drell-Yan Physics

Contribution ID: 36

Type: **not specified**

The Jefferson Lab positron beam program

Wednesday 4 June 2025 11:00 (30 minutes)

Presenter: Dr VOUTIER, Eric

Session Classification: Future Perspectives

Contribution ID: 37

Type: **not specified**

Kaon physics with AMBER

Wednesday 4 June 2025 11:30 (30 minutes)

Presenter: Prof. KETZER, Bernhard (University of Bonn (DE))

Session Classification: Future Perspectives

Contribution ID: **38**

Type: **not specified**

Strange hadrons with GlueX

Wednesday 4 June 2025 12:00 (30 minutes)

Presenter: HURCK, Peter (University of Glasgow (GB))

Session Classification: Future Perspectives

Contribution ID: 39

Type: **not specified**

BESS polar experiment identification of cosmic antiprotons

Presenter: MITCHELL, John

Session Classification: Antimatter

Contribution ID: 40

Type: **not specified**

Study of Antimatter production with ALICE

Presenter: JACAZIO, Nicolò (Universita del Piemonte Orientale (IT))

Session Classification: Antimatter

Contribution ID: 42

Type: **not specified**

Welcome

Monday 2 June 2025 09:00 (20 minutes)

Presenter: Prof. PAUL, Stephan (Technische Universitaet Muenchen (DE))

Session Classification: Future Perspectives

Contribution ID: 43

Type: **not specified**

Workshop announcement: BDX & beyond

Tuesday 3 June 2025 14:20 (5 minutes)

Presenter: ACHENBACH, Patrick

Session Classification: Proton Radius