ALICE-STAR India Collaboration Meeting, November 2023

Report of Contributions

Contribution ID: **1**   Type: **not specified**

Registration

Session Classification: Registeration

Contribution ID: **2**   Type: **not specified**

Welcome address by Chairperson

Session Classification: Inaugural Session

Contribution ID: **3**

Type: **not specified**

Welcome address

Contribution ID: 4　　　　　　　　　　　　　　　　　　Type: **not specified**

Welcome address

Tuesday 21 November 2023 10:00 (10 minutes)

Presenter:　BHASIN, Anju (University of Jammu (IN))

Session Classification:　Inauguration

Contribution ID: **5**   Type: **not specified**

Address by ALICE-India CB chair

Session Classification: Inauguration

Contribution ID: **6**

Type: **not specified**

Talk 1

Session Classification: Student Session

Contribution ID: **7**　　　　　　　　　　　　　　　Type: **not specified**

Talk 2

Session Classification:　Student Session

Contribution ID: **8**　　　　　　　　　　　　　　　Type: **not specified**

Talk 3

Session Classification: Student Session

Contribution ID: **9**   Type: **not specified**

Centrality dependence of Tsallis parammeters

Presenter: Dr AZMI, Mohd Danish (Aligarh Muslim University (IN))

Session Classification: PWG-LF

Contribution ID: **10**   Type: **not specified**

Production of light nuclei in heavy-ion collisions

Friday 24 November 2023 11:30 (20 minutes)

Presenter: BEHERA, Sibaram (IISER Tirupati)

Session Classification: STAR

Contribution ID: **11**   Type: **not specified**

Study of π, K, and p production in high multiplicity pp collisions at √ s = 13 TeV with ALICE at the LHC

Wednesday 22 November 2023 10:50 (20 minutes)

Presenter: KUMAR, Navneet (Panjab University (IN))

Session Classification: PWG-LF

Contribution ID: **12**　　　　　　　　　　　　　　　　　Type: **not specified**

Near side yield from two particle identified trigger correlation using intermediate pT Kaon and Lambda triggers in 5.02 TeV Pb Pb collisions

Presenter: YADAV, Arun Kumar (Department of Atomic Energy (IN))

Session Classification: PWG-LF

Contribution ID: **13**   Type: **not specified**

Identification of π, k, p with TOF detector for ALICE Run 3 pp data

Presenter: BARMAN, Banajit (Gauhati University (IN))

Session Classification: PWG-LF

Contribution ID: **14**   Type: **not specified**

Update on identification of pi, K, p with ALICE-TPC detector for LHC Run 3 pp data

Presenter: CHOUDHURY, Dhrubajyoti (Gauhati University (IN))

Session Classification: PWG-LF

Contribution ID: 15　　　　　　　　　　　　　　　　　Type: **not specified**

Multi-Strange Particle production in Run3 pp Collisions at 900GeV

Wednesday 22 November 2023 12:25 (20 minutes)

Presenter: SHARMA, Upasana (University of Jammu (IN))

Session Classification: PWG-LF

Contribution ID: **16**   Type: **not specified**

Production of Lambda(1520) Resonance in pp collision at LHC Energies Using O2Physics Framework.

Presenter: Mr KOLEY, Hirak Kumar (Jadavpur University (IN))

Session Classification: PWG-LF

Contribution ID: **17**   Type: **not specified**

First observation of f1(1285) resonance in ALICE

Presenter: DAS, Prottay (National Institute of Science Education and Research (NISER) (IN))

Session Classification: PWG-LF

Contribution ID: **18**   Type: **not specified**

Strangeness and resonance production in p-Pb system @8.16 TeV

Presenter: SUMBERIA, Vikash (University of Jammu (IN))

Session Classification: PWG-LF

Contribution ID: **19**

Type: **not specified**

Resonance production in high-multiplicity pp collisions with ALICE

Presenter: PADHAN, Sonali (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-LF

Contribution ID: **20**   Type: **not specified**

Talk

Presenter: MALIK, Nasir Mehdi (University of Jammu (IN))

Session Classification: PWG-LF

Contribution ID: **21**   Type: **not specified**

Spherocity dependent of Lambda(1520) production in pp

Presenter: MALIK, Nasir Mehdi (University of Jammu (IN))

Session Classification: PWG-LF

Contribution ID: 22   Type: **not specified**

J/ψ polarization in p-p collision at 13 TeV using ALICE detector

Wednesday 22 November 2023 16:10 (20 minutes)

Presenter: KUMAR, Deekshit (Department of Atomic Energy (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: **23**   Type: **not specified**

Quarkonium production at forward rapidity in heavy-ion collisions using ALICE

Presenter: Dr PAUL, Biswarup (Department of Atomic Energy (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: 24　　　　　　　　　　　　　　　　　Type: **not specified**

Study of Heavy-Flavor Leptons as a function of charged-particle multiplicity in small systems at LHC energies

Wednesday 22 November 2023 15:50 (20 minutes)

Presenter:　SARKAR - SINHA, Tinku (Saha Institute of Nuclear Physics (IN))

Session Classification:　PWG-DQ, JE, HF

Contribution ID: **25**   Type: **not specified**

Talk

Presenter: SHARMA, Binti (University of Jammu (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: 26　　　　　　　　　　　　　　　　　Type: **not specified**

Talk

Presenter:　SHARMA, Deependra (IIT- Indian Institute of Technology (IN))

Session Classification:　PWG-DQ, JE, HF

Contribution ID: **27**   Type: **not specified**

Event-by-event mean p_T fluctuations in pp collisions at \sqrt{s} =13 TeV using ALICE

Presenter: Ms ALI, Bushra (Aligarh Muslim University (IN))

Session Classification: PWG-CF

Contribution ID: **28**

Type: **not specified**

A study of local multiplicity fluctuations in Pb-Pb collisions

Thursday 23 November 2023 10:50 (20 minutes)

Presenter: MALIK, Salman K (University of Jammu (IN))

Session Classification: PWG-CF

Contribution ID: **29**   Type: **not specified**

Mean pT fluctuations for identifies particles in pp collisions at center-of-mass energy 13.6 TeV

Thursday 23 November 2023 11:50 (20 minutes)

Presenter: GAHLAUT, Tanu (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-CF

Contribution ID: **30**　　　　　　　　　　　　　　　　Type: **not specified**

Study of forward-backward correlation and multiplicity fluctuations of pions produced in pp collisions at recent LHC energies

Thursday 23 November 2023 11:30 (20 minutes)

Presenter: PAUL, Subhadeep (Cooch Behar Panchanan Barma University)

Session Classification: PWG-CF

Contribution ID: **31** Type: **not specified**

Intermittency analysis of protons produced in Pb-Pb 5.02 TeV

Thursday 23 November 2023 12:10 (20 minutes)

Presenter: HAIDER, Fakhar Ul (University of Jammu (IN))

Session Classification: PWG-CF

Contribution ID: **32**　　　　　　　　　　　　　　　　　Type: **not specified**

Measurement of azimuthal correlations between Λc baryons and charged particle in pp collisions at √s = 13 TeV

Presenter: Ms SADHU, Samrangy (Jadavpur University (IN))

Session Classification: PWG-CF

Contribution ID: **33**   Type: **not specified**

To study the two particle correlation functions $R_2(\Delta\eta, \Delta\varphi)$ and $P_2(\Delta\eta, \Delta\varphi)$ in p−p collisions at $\sqrt{s}$ =13 TeV as a function of transverse spherocity

Presenter: ROY, Subhadeep (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-CF

Contribution ID: **34**   Type: **not specified**

Talk

Presenter: SAHA, Swati (National Institute of Science Education and Research (NISER) (IN))

Session Classification: PWG-CF

Contribution ID: **35**   Type: **not specified**

A study of Local multiplicity fluctuations in Xe-Xe collisions at √s_N N = 5.44 TeV.

Thursday 23 November 2023 13:50 (20 minutes)

Presenter: BANOO, Zarina (University of Jammu (IN))

Session Classification: PWG-CF

Contribution ID: **36**   Type: **not specified**

Characteristics of nearside and awayside peak with multiplicity using two-particle correlation in pp collisions at 13 TeV in ALICE

Thursday 23 November 2023 14:10 (20 minutes)

Presenter: THAKUR, Sanchari

Session Classification: PWG-CF

Contribution ID: **37**   Type: **not specified**

Study of multiplicity fluctuations of particles produced at the LHC energies

Thursday 23 November 2023 14:30 (20 minutes)

Presenter: SINGH, Balwan (University of Jammu (IN))

Session Classification: PWG-CF

Contribution ID: **38**

Type: **not specified**

Talk

Presenter: HALDAR, Prabir Kumar (Cooch Behar Panchanan Barma University)

Session Classification: STAR

Contribution ID: **39** Type: **not specified**

Talk

Presenter: Ms BHAGAT, Pratibha (University of Jammu)

Session Classification: STAR

Contribution ID: **40**   Type: **not specified**

Strangeness production in Au+Au collisions at $\sqrt{s_{NN}}$ = 19.6 GeV

Presenter: ASLAM, Sameer (Indian Institute Of Technology Patna)

Session Classification: STAR

Contribution ID: 41

Type: **not specified**

Kstar meson production in STAR BES-II

Presenter: Mr SAHOO, Aswini Kumar (IISER,Berhampur)

Session Classification: STAR

Contribution ID: **42**   Type: **not specified**

Talk

Presenter: SHARMA, MAHIMA (University of Jammu)

Session Classification: STAR

Contribution ID: 43

Type: **not specified**

pi, K, p spectra analysis in Au+Au collisions at #sqrt{s_NN} = 54.4 GeV using the STAR detector.

Friday 24 November 2023 09:50 (20 minutes)

Presenter: DHAMIJA, Arushi (Panjab University)

Session Classification: STAR

Contribution ID: 44 Type: **not specified**

Talk

Presenter: JALOTRA, Ashish (University of Jammu)

Session Classification: STAR

Contribution ID: 45   Type: **not specified**

Study on measurement of cumulants of net-proton distributions for Au +Au collisions at 7.7 GeV in BES-II

Friday 24 November 2023 09:30 (20 minutes)

Presenter: MONDAL, Bappaditya

Session Classification: STAR

Contribution ID: 46 $\hspace{6cm}$ Type: **not specified**

Elliptic Flow of K_s^0 and Λ in O+O Collisions at $sqrts_{\mathbf{NN}} = 200$ **GeV**

Friday 24 November 2023 10:10 (20 minutes)

Presenter: Mr PRODHAN, Santanu (Indian Institute of Science Education and Research Tirupati)

Session Classification: STAR

Contribution ID: 47 Type: **not specified**

CMW search in isobar collision

Friday 24 November 2023 10:30 (20 minutes)

Presenter: RANA, Aditya (Panjab University)

Session Classification: STAR

Contribution ID: **48**

Type: **not specified**

Study of v1 and v3 of identified hadrons and light nuclei in fixed target energies at RHIC

Friday 24 November 2023 11:10 (20 minutes)

Presenter: RAV SHARMA, SHARANG (IISER Tirupati)

Session Classification: STAR

Contribution ID: 49   Type: **not specified**

Focal n-type Si detector R&D

Presenter: TAMBAVE, Ganesh Jagannath (National Institute of Science Education and Research (NISER) (IN))

Session Classification: Miscellaneous

Contribution ID: **50** Type: **not specified**

Talk

Presenter: Prof. MUSTAFA, Munshi Golam (Saha Institute of Nuclear Physics)

Session Classification: Miscellaneous

Contribution ID: **51**

Type: **not specified**

Talk 1

Presenter: Prof. SRIVASTAVA, Dinesh K (National Institute)

Session Classification: Session-1

Contribution ID: **52**
Type: **not specified**

Talk-2

Presenter: Prof. MUNSHI, Mohd Golam Mustafa (SINP)

Session Classification: Session-1

Contribution ID: **53**

Type: **not specified**

Talk 3

Session Classification: Session-1

Contribution ID: **54**   Type: **not specified**

Address by ALICE-India Spokesperson

Tuesday 21 November 2023 10:20 (10 minutes)

Presenter: AHAMMED, Zubayer (Department of Atomic Energy (IN))

Session Classification: Inauguration

Contribution ID: 55   Type: **not specified**

Address by Dean Research Studies

Tuesday 21 November 2023 10:30 (10 minutes)

Session Classification: Inauguration

Contribution ID: **56**   Type: **not specified**

Non-prompt D+ meson production in pp collisions at √s = 13 TeV

Presenter: SHARMA, Binti (University of Jammu (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: **57**   Type: **not specified**

D* - hadron correlation in pp 13.6 TeV

Thursday 23 November 2023 10:10 (20 minutes)

Presenter: SHARMA, Deependra (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: **58**   Type: **not specified**

Correlations among net-charge, net-proton and net-kaon in Pb-Pb collsions at LHCenergies

Thursday 23 November 2023 10:30 (20 minutes)

Presenter: SAHA, Swati (National Institute of Science Education and Research (NISER) (IN))

Session Classification: PWG-CF

Contribution ID: 59   Type: **not specified**

Address by Head of Department

Tuesday 21 November 2023 10:10 (10 minutes)

Presenter: Prof. BHARTI, Arun

Session Classification: Inauguration

Contribution ID: **60** Type: **not specified**

Vote of Thanks

Tuesday 21 November 2023 11:00 (10 minutes)

Presenter: Prof. SAMBYAL, Sanjeev Singh

Session Classification: Inauguration

Contribution ID: **61**   Type: **not specified**

Heavy Quarks in Hot and Dense QCD Medium

Tuesday 21 November 2023 12:15 (30 minutes)

Presenter: Prof. MUNSHI, Mohd Golam Mustafa

Session Classification: A tribute to Prof. Bikash Sinha (Padma Bhushan)

Contribution ID: **62**   Type: **not specified**

Effects of QCD critical point on spin polarization

Tuesday 21 November 2023 14:15 (30 minutes)

Presenter: Prof. ALAM, Jane

Session Classification: A tribute to Prof. Bikash Sinha (Padma Bhushan)

Contribution ID: **63**   Type: **not specified**

Observation of polarized hadrons in high energy heavy-ion collisions

Tuesday 21 November 2023 14:45 (30 minutes)

Presenter: MOHANTY, Bedangadas (National Institute of Science Education and Research (NISER) (IN))

Session Classification: A tribute to Prof. Bikash Sinha (Padma Bhushan)

Contribution ID: **64**   Type: **not specified**

Beyond the Horizon: Bikash Sinha and the thermodynamics of the Little Bang

Tuesday 21 November 2023 15:15 (30 minutes)

Presenter: NAYAK, Tapan (CERN, Geneva and University of Houston)

Session Classification: A tribute to Prof. Bikash Sinha (Padma Bhushan)

Contribution ID: **65**   Type: **not specified**

Bikash Sinha- A Life for Physics

Tuesday 21 November 2023 11:45 (30 minutes)

Presenter: Prof. SRIVASTAVA, Dinesh K

Session Classification: A tribute to Prof. Bikash Sinha (Padma Bhushan)

Contribution ID: **66**   Type: **not specified**

Isolated photon measurements in pp collisions at 8 TeV with ALICE

Wednesday 22 November 2023 16:50 (20 minutes)

Presenter: CHANDRA, Sinjini (Department of Atomic Energy (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: 67   Type: **not specified**

Focal n-type Si detector R&D

Thursday 23 November 2023 14:50 (20 minutes)

Presenter: TAMBAVE, Ganesh Jagannath (National Institute of Science Education and Research (NISER) (IN))

Session Classification: Upgrade

Contribution ID: **68**   Type: **not specified**

Focal p-typr Si detector R&D

Thursday 23 November 2023 15:10 (20 minutes)

Presenters: Dr MUHURI, Sanjib (Department of Atomic Energy (IN)); AHAMMED, Zubayer (Department of Atomic Energy (IN))

Session Classification: Upgrade

Contribution ID: **69**   Type: **not specified**

Present and future prospect of ALICE Physics analysis on Dileptons and Quarkonia

Wednesday 22 November 2023 14:50 (1 hour)

Presenter: FEUILLARD, Victor Jose Gaston (Heidelberg University (DE))

Session Classification: PWG-DQ, JE, HF

Contribution ID: **70**   Type: **not specified**

Test of n-type silicon pad array detector at PS CERN

Thursday 23 November 2023 15:30 (20 minutes)

Presenter: Mr SAWAN, Sawan (National Institute of Science Education and Research (NISER) (IN))

Session Classification: Upgrade

Contribution ID: **71** 　　　　　　　　　　　　　　Type: **not specified**

Measurement of azimuthal correlations between Λc baryons and charged particle in pp collisions at √s = 13 TeV

Thursday 23 November 2023 09:30 (20 minutes)

Presenter: Ms SADHU, Samrangy (Jadavpur University (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: **72**   Type: **not specified**

Study of charmonium at forward rapidity and Lambda_b at midrapidity in heavy-ion collisions using ALICE

Wednesday 22 November 2023 16:30 (20 minutes)

Presenter: Dr PAUL, Biswarup (Department of Atomic Energy (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: **73**   Type: **not specified**

Adress by Guest of Honour

Tuesday 21 November 2023 10:40 (10 minutes)

Presenter: Prof. SRIVASTAVA, Dinesh K

Session Classification: Inauguration

Contribution ID: 74   Type: **not specified**

Address by Hon'ble Vice Chancellor

Tuesday 21 November 2023 10:50 (10 minutes)

Session Classification: Inauguration

Contribution ID: 75   Type: **not specified**

To study the two particle correlation functions R2 and P2 in p-p collisions at √s = 13 TeV as a function of transverse spherocity,

Presenter: ROY, Subhadeep (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-CF

Contribution ID: 76
Type: **not specified**

Spherocity dependent of Lambda(1520) production in pp

Presenter: MALIK, Nasir Mehdi (University of Jammu (IN))

Session Classification: PWG-LF

Contribution ID: **77**   Type: **not specified**

ALICE: Present and Future

Wednesday 22 November 2023 09:30 (1 hour)

Presenter: SCHWEDA, Kai (GSI - Helmholtzzentrum fur Schwerionenforschung GmbH (DE))

Session Classification: ALICE: Present and Future

Contribution ID: **78**   Type: **not specified**

Non-prompt D+ meson production in pp collisions at √s = 13 TeV

Thursday 23 November 2023 09:50 (20 minutes)

Presenter: SHARMA, Binti (University of Jammu (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: **79** Type: **not specified**

To study the two particle correlation functions $R_2(\Delta\eta, \Delta\varphi)$ and $P_2(\Delta\eta, \Delta\varphi)$ in p−p collisions at $\sqrt{s}$ =13 TeV as a function of transverse spherocity

Presenter: ROY, Subhadeep (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-LF

Contribution ID: **80**   Type: **not specified**

the Kolkata Tier-2@ALICE past, present and future

Thursday 23 November 2023 15:50 (20 minutes)

Presenter: SINGHAL, vsinghal (Department of Atomic Energy (IN))

Session Classification: Upgrade

Contribution ID: **81**   Type: **not specified**

Near side yield from two particle identified trigger correlation using intermediate pT Kaon and Lambda triggers in 5.02 TeV Pb Pb collisions

Tuesday 21 November 2023 16:05 (20 minutes)

Presenter: YADAV, Arun Kumar (Department of Atomic Energy (IN))

Session Classification: PWG-LF

Contribution ID: **82**　　　　　　　　　　　　　　　　　　　Type: **not specified**

Identification of π, k, p with TOF detector for ALICE Run 3 pp data

Tuesday 21 November 2023 16:45 (20 minutes)

Presenter: BARMAN, Banajit (Gauhati University (IN))

Session Classification: PWG-LF

Contribution ID: **83**

Type: **not specified**

Production of Lambda(1520) Resonance in pp collision at LHC Energies Using O2Physics Framework

Wednesday 22 November 2023 12:45 (20 minutes)

Presenter: Mr KOLEY, Hirak Kumar (Jadavpur University (IN))

Session Classification: PWG-LF

Contribution ID: 84   Type: **not specified**

Update on identification of pi, K, p with ALICE-TPC detector for LHC Run 3 pp data

Tuesday 21 November 2023 16:25 (20 minutes)

Presenter: CHOUDHURY, Dhrubajyoti (Gauhati University (IN))

Session Classification: PWG-LF

Contribution ID: 85   Type: **not specified**

First observation of f1(1285) resonance in ALICE

Wednesday 22 November 2023 11:10 (20 minutes)

Presenter: DAS, Prottay (National Institute of Science Education and Research (NISER) (IN))

Session Classification: PWG-LF

Contribution ID: **86**   Type: **not specified**

Strangeness and resonance production in p-Pb system @8.16 TeV

Wednesday 22 November 2023 11:45 (20 minutes)

Presenter: SUMBERIA, Vikash (University of Jammu (IN))

Session Classification: PWG-LF

Contribution ID: **87**   Type: **not specified**

To study the two particle correlation functions $R_2(\Delta\eta, \Delta\varphi)$ and $P_2(\Delta\eta, \Delta\varphi)$ in p−p collisions at $\sqrt{s}$ =13 TeV as a function of transverse spherocity

Wednesday 22 November 2023 12:05 (20 minutes)

Presenter: ROY, Subhadeep (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-LF

Contribution ID: **88**   Type: **not specified**

Spherocity dependent of Lambda(1520) production in pp

Presenter: MALIK, Nasir Mehdi (University of Jammu (IN))

Session Classification: PWG-LF

Contribution ID: 89   Type: **not specified**

Resonance-Hadron Correlation in pp collisions at center of mass energy 13.6 TeV

Thursday 23 November 2023 12:30 (20 minutes)

Presenter: VERMA, Rahul (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-CF

Contribution ID: 90　　　　　　　　　　　　　　　　　　Type: **not specified**

Spherocity dependent study of Lambda(1520) production in pp collisions at centre-of-mass energy 13.6 TeV in Run 3

Presenter:　PATLEY, Yash (IIT- Indian Institute of Technology (IN))

Session Classification:　PWG-LF

Contribution ID: **91**   Type: **not specified**

Spherocity dependent study of Lambda(1520) production in pp collisions at centre-of-mass energy 13.6 TeV in Run 3

Wednesday 22 November 2023 14:10 (20 minutes)

Presenter: PATLEY, Yash (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-LF

Contribution ID: 92　　　　　　　　　　　　　　　　　　Type: **not specified**

Spherocity dependent of Lambda(1520) production in pp

Wednesday 22 November 2023 14:30 (20 minutes)

Presenter: MALIK, Nasir Mehdi (University of Jammu (IN))

Session Classification: PWG-LF

Contribution ID: 93   Type: **not specified**

Resonance-Hadron Correlation in pp collisions at center of mass energy 13.6 TeV

Presenter: VERMA, Rahul (IIT- Indian Institute of Technology (IN))

Session Classification: PWG-CF

Contribution ID: 94   Type: **not specified**

pi,k,p spectra in d-Au collisions at COM 200 GeV

Friday 24 November 2023 11:50 (20 minutes)

Presenter: PANDAY, Aradhana

Session Classification: STAR

Contribution ID: **95**   Type: **not specified**

Upsilon production in pp collisions at 13 TeV

Wednesday 22 November 2023 17:10 (20 minutes)

Presenter: CHOUDHURY, Subikash (Department of Atomic Energy (IN))

Session Classification: PWG-DQ, JE, HF

Contribution ID: **96**   Type: **not specified**

Strangeness production in Fixed target experiment at STAR

Friday 24 November 2023 12:10 (20 minutes)

Presenter: JALOTRA, Ashish (University of Jammu (IN))

Session Classification: STAR