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Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2004 - 2011

Yüksek Lisans, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2002 - 2004

Lisans, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1998 - 2002

Yabancı Diller

İngilizce, C2 Ustalık

Fransızca, B1 Orta

Araştırma Alanları

Fizik, Yüksek Enerji Fiziği, Deneysel Yüksek Enerji Fiziği Çalışmaları, Teorik Yüksek Enerji Fiziği Çalışmaları, Fizik Analizi ve Simülasyon Çalışmaları

Akademik Unvanlar / Görevler

Prof. Dr., Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2023 - Devam Ediyor

Prof. Dr., Kto Karatay Üniversitesi, 2020 - 2023

Doç. Dr., Kto Karatay Üniversitesi, 2014 - 2020

Yrd. Doç. Dr., Kto Karatay Üniversitesi, 2012 - 2014

Araştırma Görevlisi, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2003 - 2011

Akademik İdari Deneyim

BAP Koordinatörü, Kto Karatay Üniversitesi, 2022 - 2023

Bölüm Başkanı, Kto Karatay Üniversitesi, 2015 - 2017

Erasmus Programı Kurum Koordinatörü, Kto Karatay Üniversitesi, 2014 - 2017

Yönerge Komisyonu Üyesi, Kto Karatay Üniversitesi, 2014 - 2015

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Measurement of the impact-parameter dependent azimuthal anisotropy in coherent ρ^0 photoproduction in Pb–Pb collisions at $s_{NN}=5.02$ TeV**
Acharya S., Adamová D., Agarwal A., Aglieri Rinella G., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.858, 2024 (SCI-Expanded)
- II. **Measurement of (anti)alpha production in central Pb–Pb collisions at $s_{NN}=5.02$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.858, 2024 (SCI-Expanded)
- III. **Measurement of beauty-quark production in pp collisions at $s = 13$ TeV via non-prompt D mesons**
Acharya S., Adamová D., Agarwal A., Aglieri Rinella G., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
Journal of High Energy Physics, cilt.2024, sa.10, 2024 (SCI-Expanded)
- IV. **Multiplicity dependence of charged-particle intra-jet properties in pp collisions at $\sqrt{s} = 13$ TeV**
Acharya S., Adamová D., Rinella G. A., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
European Physical Journal C, cilt.84, sa.10, 2024 (SCI-Expanded)
- V. **Studying strangeness and baryon production mechanisms through angular correlations between charged Ξ baryons and identified hadrons in pp collisions at $s = 13$ TeV**
Acharya S., Adamová D., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Journal of High Energy Physics, cilt.2024, sa.9, 2024 (SCI-Expanded)
- VI. **Search for the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Xe–Xe collisions at $s_{NN}=5.44$ TeV**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.856, 2024 (SCI-Expanded)
- VII. **Investigating the composition of the $K0^*(700)$ state with $\pi^\pm K_S^0$ correlations at the LHC**
Acharya S., Adamová D., Aglieri Rinella G., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.856, 2024 (SCI-Expanded)
- VIII. **Investigating strangeness enhancement with multiplicity in pp collisions using angular correlations**
Acharya S., Adamová D., Agarwal A., Aglieri Rinella G., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
Journal of High Energy Physics, cilt.2024, sa.9, 2024 (SCI-Expanded)
- IX. **Measurements of Chemical Potentials in Pb-Pb Collisions at $s_{NN} = 5.02$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Physical Review Letters, cilt.133, sa.9, 2024 (SCI-Expanded)
- X. **The ALICE experiment: a journey through QCD**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
European Physical Journal C, cilt.84, sa.8, 2024 (SCI-Expanded)
- XI. **Measurement of ω c_0 baryon production and branching-fraction ratio $BR(\omega \rightarrow \omega^- e^+ \nu_e)/BR(\omega \rightarrow \omega^- \pi^+)$ in pp collisions at $s = 13$ TeV**
Acharya S., Adamová D., Agarwal A., Aglieri Rinella G., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S.,

Ahn S., et al.

Physical Review D, cilt.110, sa.3, 2024 (SCI-Expanded)

- XII. **Azimuthal anisotropy of jet particles in p-Pb and Pb-Pb collisions at $s_{NN} = 5.02$ TeV**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Journal of High Energy Physics, cilt.2024, sa.8, 2024 (SCI-Expanded)
- XIII. **Studying the interaction between charm and light-flavor mesons**
Acharya S., Adamová D., Aglieri Rinella G., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Physical Review D, sa.3, 2024 (SCI-Expanded)
- XIV. **Observation of Medium-Induced Yield Enhancement and Acoplanarity Broadening of Low- p_T Jets from Measurements in pp and Central Pb-Pb Collisions at $s_{NN} = 5.02$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Physical Review Letters, cilt.133, sa.2, 2024 (SCI-Expanded)
- XV. **Exploring the Strong Interaction of Three-Body Systems at the LHC**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Physical Review X, cilt.14, sa.3, 2024 (SCI-Expanded)
- XVI. **Measurements of jet quenching using semi-inclusive hadron+jet distributions in pp and central Pb-Pb collisions at $s_{NN} = 5.02$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Physical Review C, cilt.110, sa.1, 2024 (SCI-Expanded)
- XVII. **Systematic study of flow vector fluctuations in $s_{NN} = 5.02$ TeV Pb-Pb collisions**
Acharya S., Adamová D., Agarwal A., Aglieri Rinella G., Aglietta L., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
Physical Review C, cilt.109, sa.6, 2024 (SCI-Expanded)
- XVIII. **Observation of abnormal suppression of $f_0(980)$ production in p-Pb collisions at $s_{NN} = 5.02$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.853, 2024 (SCI-Expanded)
- XIX. **Photoproduction of K^+K^- Pairs in Ultraperipheral Collisions**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Physical Review Letters, cilt.132, sa.22, 2024 (SCI-Expanded)
- XX. **Search for jet quenching effects in high-multiplicity pp collisions at (Formula presented.) TeV via di-jet acoplanarity**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Journal of High Energy Physics, cilt.2024, sa.5, 2024 (SCI-Expanded)
- XXI. **Light-flavor particle production in high-multiplicity pp collisions at $s = 13$ TeV as a function of transverse sphericity**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Journal of High Energy Physics, cilt.2024, sa.5, 2024 (SCI-Expanded)
- XXII. **Multiplicity-dependent production of $\Sigma(1385)^\pm$ and $\Xi(1530)^0$ in pp collisions at $s = 13$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Journal of High Energy Physics, cilt.2024, sa.5, 2024 (SCI-Expanded)
- XXIII. **ALICE upgrades during the LHC Long Shutdown 2**

Acharya S., Hernandez R. A., Adamová D., Adler A., Adolfsen J., Aguiaro D., Rinella G. A., Agnello M., Agnese F., Agrawal N., et al.

Journal of Instrumentation, cilt.19, sa.5, 2024 (SCI-Expanded)

XXIV. **Measurement of inclusive charged-particle jet production in pp and p-Pb collisions at (Formula presented.)**

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Journal of High Energy Physics, cilt.2024, sa.5, 2024 (SCI-Expanded)

XXV. **First Measurement of the $|t|$ Dependence of Incoherent J/ψ Photonuclear Production**

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physical Review Letters, cilt.132, sa.16, 2024 (SCI-Expanded)

XXVI. **Measurement of the fraction of jet longitudinal momentum carried by Λc^+ baryons in pp collisions**

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physical Review D, cilt.109, sa.7, 2024 (SCI-Expanded)

XXVII. **$K^*(892)^\pm$ resonance production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.

Physical Review C, cilt.109, sa.4, 2024 (SCI-Expanded)

XXVIII. **Modification of charged-particle jets in event-shape engineered Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.851, 2024 (SCI-Expanded)

XXIX. **Skewness and kurtosis of mean transverse momentum fluctuations at the LHC energies**

Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.850, 2024 (SCI-Expanded)

XXX. **Multiplicity and event-scale dependent flow and jet fragmentation in pp collisions at $\sqrt{s} = 13$ TeV and in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.

Journal of High Energy Physics, cilt.2024, sa.3, 2024 (SCI-Expanded)

XXXI. **Pseudorapidity dependence of anisotropic flow and its decorrelations using long-range multiparticle correlations in Pb-Pb and Xe-Xe collisions**

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.850, 2024 (SCI-Expanded)

XXXII. **Measurement of the radius dependence of charged-particle jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.849, 2024 (SCI-Expanded)

XXXIII. **Prompt and non-prompt J/ψ production at midrapidity in Pb-Pb collisions at (Formula presented.) TeV**

Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.

Journal of High Energy Physics, cilt.2024, sa.2, 2024 (SCI-Expanded)

XXXIV. **Measurements of inclusive J/ψ production at midrapidity and forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

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Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.849, 2024 (SCI-Expanded)

- XXXV. **Femtoscopic correlations of identical charged pions and kaons in pp collisions at $\sqrt{s} = 13$ TeV with event-shape selection**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Physical Review C, cilt.109, sa.2, 2024 (SCI-Expanded)
- XXXVI. **ALICE luminosity determination for Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Journal of Instrumentation, cilt.19, sa.2, 2024 (SCI-Expanded)
- XXXVII. **$\psi(2S)$ Suppression in Pb-Pb Collisions at the LHC**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Physical Review Letters, cilt.132, sa.4, 2024 (SCI-Expanded)
- XXXVIII. **System-size dependence of the hadronic rescattering effect at energies available at the CERN Large Hadron Collider**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Physical Review C, cilt.109, sa.1, 2024 (SCI-Expanded)
- XXXIX. **Measurement of the low-energy antitriton inelastic cross section**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.848, 2024 (SCI-Expanded)
- XL. **Charged-particle production as a function of the relative transverse activity classifier in pp, p-Pb, and Pb-Pb collisions at the LHC**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Journal of High Energy Physics, cilt.2024, sa.1, 2024 (SCI-Expanded)
- XLI. **Measurements of long-range two-particle correlation over a wide pseudorapidity range in p-Pb collisions at $s_{NN} = 5.02$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Journal of High Energy Physics, cilt.2024, sa.1, 2024 (SCI-Expanded)
- XLII. **Probing the chiral magnetic wave with charge-dependent flow measurements in Pb-Pb collisions at the LHC**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Journal of High Energy Physics, cilt.2023, sa.12, 2023 (SCI-Expanded)
- XLIII. **Exclusive and dissociative J/ψ photoproduction, and exclusive dimuon production, in p-Pb collisions at $s_{NN} = 8.16$ TeV**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
Physical Review D, cilt.108, sa.11, 2023 (SCI-Expanded)
- XLIV. **Charm production and fragmentation fractions at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.
Journal of High Energy Physics, cilt.2023, sa.12, 2023 (SCI-Expanded)
- XLV. **Measurement of non-prompt D -meson elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.

European Physical Journal C, cilt.83, sa.12, 2023 (SCI-Expanded)

XLVI. Study of the p - p - K^+ and p - p - K^- dynamics using the femtoscopy technique

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

European Physical Journal A, cilt.59, sa.12, 2023 (SCI-Expanded)

XLVII. Study of flavor dependence of the baryon-to-meson ratio in proton-proton collisions at $s = 13$ TeV

Acharya S., Adamová D., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., Akindinov A., et al.

Physical Review D, cilt.108, sa.11, 2023 (SCI-Expanded)

XLVIII. Measurement of the production of (anti)nuclei in p -Pb collisions at $s_{NN}=8.16$ TeV

Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.846, 2023 (SCI-Expanded)

XLIX. Measurements of Groomed-Jet Substructure of Charm Jets Tagged by D^0 Mesons in Proton-Proton Collisions at $\sqrt{s}=13$ TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physical review letters, cilt.131, sa.19, ss.192301, 2023 (SCI-Expanded)

L. First measurement of prompt and non-prompt D^0 vector meson spin alignment in pp collisions at $s=13$ TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.846, 2023 (SCI-Expanded)

LI. Elliptic flow of charged particles at midrapidity relative to the spectator plane in Pb-Pb and Xe-Xe collisions

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.846, 2023 (SCI-Expanded)

LII. First measurement of Ωc^0 production in pp collisions at $s=13$ TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.846, 2023 (SCI-Expanded)

LIII. Measurement of beauty-strange meson production in Pb-Pb collisions at $s_{NN}=5.02$ TeV via non-prompt D_s^+ mesons

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.846, 2023 (SCI-Expanded)

LIV. Photoproduction of low- p_T J/ψ from peripheral to central Pb-Pb collisions at 5.02 TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.846, 2023 (SCI-Expanded)

LV. $f_0(980)$ production in inelastic pp collisions at $s = 5.02$ TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.846, 2023 (SCI-Expanded)

LVI. Measurements of azimuthal anisotropies at forward and backward rapidity with muons in high-multiplicity p -Pb collisions at $s_{NN}=8.16$ TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.846, 2023 (SCI-Expanded)

LVII. Higher-order correlations between different moments of two flow amplitudes in Pb-Pb collisions at

sNN = 5.02 TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physical Review C, cilt.108, sa.5, 2023 (SCI-Expanded)

LVIII. Data-driven precision determination of the material budget in ALICE

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Journal of Instrumentation, cilt.18, sa.11, 2023 (SCI-Expanded)

LIX. Accessing the strong interaction between Λ baryons and charged kaons with the femtoscopy technique at the LHC

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.845, 2023 (SCI-Expanded)

LX. System-size dependence of the charged-particle pseudorapidity density at sNN=5.02TeV for pp, p-Pb, and Pb-Pb collisions

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.845, 2023 (SCI-Expanded)

LXI. Multiplicity dependence of charged-particle production in pp, p-Pb, Xe-Xe and Pb-Pb collisions at the LHC

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.845, 2023 (SCI-Expanded)

LXII. Measurement of inclusive J/ψ pair production cross section in pp collisions at s = 13 TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Physical Review C, cilt.108, sa.4, 2023 (SCI-Expanded)

LXIII. Measurement of the non-prompt D-meson fraction as a function of multiplicity in proton-proton collisions at $\sqrt{s} = 13$ TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

Journal of High Energy Physics, cilt.2023, sa.10, 2023 (SCI-Expanded)

LXIV. Energy dependence of coherent photonuclear production of J/ψ mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.

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LXV. Pseudorapidity densities of charged particles with transverse momentum thresholds in pp collisions at s = 5.02 and 13 TeV

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LXVI. First measurement of the Λ - Ξ interaction in proton-proton collisions at the LHC

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LXVII. Closing in on critical net-baryon fluctuations at LHC energies: Cumulants up to third order in Pb-Pb collisions

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- LXVIII. **Measurement of the Lifetime and Λ Separation Energy of HA3**
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- LXIX. **Measurement of electrons from beauty-hadron decays in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV**
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- LXX. **Study of charged particle production at high pT using event topology in pp, p-Pb and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV**
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- LXXI. **Azimuthal correlations of heavy-flavor hadron decay electrons with charged particles in pp and p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV**
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- LXXII. **Performance of the ALICE Electromagnetic Calorimeter**
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- LXXIV. **Inclusive and multiplicity dependent production of electrons from heavy-flavour hadron decays in pp and p-Pb collisions**
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- LXXV. **Enhanced Deuteron Coalescence Probability in Jets**
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- LXXVI. **First Measurement of Antideuteron Number Fluctuations at Energies Available at the Large Hadron Collider**
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- LXXVII. **Measurement of the J/ψ Polarization with Respect to the Event Plane in Pb-Pb Collisions at the LHC**
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- LXXVIII. **J/ψ production at midrapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV**
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- LXXIX. **Symmetry plane correlations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV**
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- LXXX. **Towards the understanding of the genuine three-body interaction for p-p-p and p-p- Λ**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
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- LXXXII. **Measurement of the angle between jet axes in pp collisions at $\sqrt{s} = 5.02$ TeV**
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- LXXXIII. **Production of K_S^0 , Λ (Λ^-), Ξ^\pm , and Ω^\pm in jets and in the underlying event in pp and p-Pb collisions**
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- LXXXIV. **Underlying-event properties in pp and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- LXXXV. **Anisotropic flow and flow fluctuations of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- LXXXVI. **Measurement of the production of charm jets tagged with D^0 mesons in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV**
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- LXXXVII. **Multiplicity and rapidity dependence of $K^*(892)$ and $\phi(1020)$ production in p-Pb collisions at $\sqrt{s_{NN}}= 5.02$ TeV**
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- LXXXVIII. **Production of pions, kaons, and protons as a function of the relative transverse activity classifier in pp collisions at $\sqrt{s} = 13$ TeV**
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- LXXXIX. **Light (anti)nuclei production in Pb-Pb collisions at $s_{NN} = 5.02$ TeV**
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- XC. **First measurement of Λ_c^+ production down to $p_T=0$ in pp and p-Pb collisions at $s_{NN} = 5.02$ TeV**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
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- XCI. **Measurement of inclusive and leading subjet fragmentation in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- XCII. **Measurement of ψ (2S) production as a function of charged-particle pseudorapidity density in pp collisions at $\sqrt{s} = 13$ TeV and p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV with ALICE at the LHC**
Acharya S., Adamová D., Adler A., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Ahuja I., et al.
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- XCIII. **Neutron emission in ultraperipheral Pb-Pb collisions at $s_{NN} = 5.02$ TeV**
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- XCIV. **Dielectron production at midrapidity at low transverse momentum in peripheral and semi-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- XCvII. **Observation of flow angle and flow magnitude fluctuations in Pb-Pb collisions at $s_{NN} = 5.02$ TeV at the CERN Large Hadron Collider**
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- XCvIII. **Two-particle transverse momentum correlations in pp and p-Pb collisions at energies available at the CERN Large Hadron Collider**
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- XCIX. **Investigation of K+K- interactions via femtoscopy in Pb-Pb collisions at $s_{NN} = 2.76$ TeV at the CERN Large Hadron Collider**
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- C. **Σ (1385) \pm resonance production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CI. **$K^*(892)^0$ and $\phi(1020)$ production in p-Pb collisions at $s_{NN} = 8.16$ TeV**
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CIII. **Constraining hadronization mechanisms with $\Lambda_c^+/D0$ production ratios in Pb–Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**

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CV. **Inclusive quarkonium production in pp collisions at $\sqrt{s} = 5.02$ TeV**

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CVI. **Measurement of anti- ^3He nuclei absorption in matter and impact on their propagation in the Galaxy**

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CVII. **Measurement of beauty production via non-prompt $D0$ mesons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

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CIX. **Exploring the $N\Lambda-N\Sigma$ coupled system with high precision correlation techniques at the LHC**

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CX. **$KS0K0$ and $KS0K^\pm$ femtoscopy in pp collisions at $\sqrt{s}=5.02$ and 13 TeV**

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CXI. **General balance functions of identified charged hadron pairs of (π, K, p) in Pb–Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**

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CXII. **Neutral to charged kaon yield fluctuations in Pb – Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**

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CXIII. **First study of the two-body scattering involving charm hadrons**

Acharya S., Adamová D., Adler A., Adolfsen J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.

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- CXIV. Production of $K^*(892)0$ and $\phi(1020)$ in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CXV. Study of very forward energy and its correlation with particle production at midrapidity in pp and p-Pb collisions at the LHC**
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- CXVI. Hypertriton Production in p-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CXVII. Investigating the role of strangeness in baryon-antibaryon annihilation at the LHC**
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Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
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- CXIX. Inclusive, prompt and non-prompt J/ψ production at midrapidity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CXX. Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 13$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
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- CXXI. Forward rapidity J/ψ production as a function of charged-particle multiplicity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV**
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- CXXII. Direct observation of the dead-cone effect in quantum chromodynamics**
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- CXXV. Polarization of Λ and $\bar{\Lambda}$ Hyperons along the Beam Direction in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CXXXVI. **Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
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- CXXXVII. **Production of Λ and K_S^0 in jets in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV and pp collisions at $\sqrt{s}=7$ TeV**
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- CXXXVIII. **Measurement of prompt D_s^\pm -meson production and azimuthal anisotropy in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
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- CXXXIX. **Production of light (anti)nuclei in pp collisions at $\sqrt{s}=5.02$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
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- CXXX. **Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s}=13$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
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- CXXXI. **Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in pp and Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV**
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- CLXXVI. **Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $s_{NN} = 5.02\text{ TeV}$**
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- CCXXXVIII. **Energy dependence of exclusive J / ψ photoproduction off protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
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- CCXLII. **Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe–Xe collisions at $s_{NN}=5.44\text{TeV}$**
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- CCXLIII. **Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7\text{ TeV}$ pp and $\sqrt{s_{NN}}=5.02\text{ TeV}$ p–Pb collisions**
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- CCXLIV. **Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p -Pb Collisions at $s_{NN} =5.02\text{ TeV}$**
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- CCXLV. **Direct photon production at low transverse momentum in proton-proton collisions at $s =2.76$ and 8 TeV**
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- CCXLVI. **Measurement of dielectron production in central Pb-Pb collisions at $s_{NN} =2.76\text{ TeV}$**
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- CCXLVII. **p–p, p– Λ , and Λ – Λ correlations studied via femtoscopy in pp reactions at $s=7\text{TeV}$**
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- CCXLVIII. **Direct photon elliptic flow in Pb–Pb collisions at $s_{NN}=2.76\text{ TeV}$**
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- CCXLIX. **Suppression of $\Lambda(1520)$ resonance production in central Pb-Pb collisions at $s_{NN} =2.76\text{ TeV}$**
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- CCL. **Multiplicity dependence of light-flavor hadron production in pp collisions at $s =7\text{ TeV}$**
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- CCLII. **Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$**
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- CCLIII. **Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
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- CCLIV. **Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $s_{NN}=5.44$ TeV**
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- CCLV. **Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $s=13$ TeV**
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- CCLVI. **Charged jet cross section and fragmentation in proton-proton collisions at $s=7$ TeV**
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- CCLX. **Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $s_{NN}=2.76$ TeV**
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- CCLXI. **Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
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- CCLXII. **Measurement of D^0 , D^+ , D^{*+} and D_s^+ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
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- CCLXIII. **Measurements of low- p_T electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**

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- CCLXIV. **Anisotropic flow in Xe–Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV**
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- CCLXV. **Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
Journal of High Energy Physics, cilt.2018, sa.9, 2018 (SCI-Expanded)
- CCLXVI. **Anisotropic flow of identified particles in Pb–Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
Journal of High Energy Physics, cilt.2018, sa.9, 2018 (SCI-Expanded)
- CCLXVII. **Constraints on jet quenching in p–Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions**
Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.783, ss.95-113, 2018 (SCI-Expanded)
- CCLXVIII. **Neutral pion and η meson production in p–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., et al.
European Physical Journal C, cilt.78, sa.8, 2018 (SCI-Expanded)
- CCLXIX. **Inclusive J/ψ production at forward and backward rapidity in p–Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
Journal of High Energy Physics, cilt.2018, sa.7, 2018 (SCI-Expanded)
- CCLXX. **Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
European Physical Journal C, cilt.78, sa.7, 2018 (SCI-Expanded)
- CCLXXI. **ϕ meson production at forward rapidity in Pb–Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
European Physical Journal C, cilt.78, sa.7, 2018 (SCI-Expanded)
- CCLXXII. **Energy dependence and fluctuations of anisotropic flow in Pb–Pb collisions at $\sqrt{s_{NN}}=5.02$ and 2.76 TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
Journal of High Energy Physics, cilt.2018, sa.7, 2018 (SCI-Expanded)
- CCLXXIII. **Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb–Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Acharya S., Adam J., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.781, ss.20-32, 2018 (SCI-Expanded)
- CCLXXIV. **First measurement of Ξ_c^0 production in pp collisions at $\sqrt{s}=7$ TeV**
Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.

- Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.781, ss.8-19, 2018 (SCI-Expanded)
- CCLXXV. **Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
European Physical Journal C, cilt.78, sa.6, 2018 (SCI-Expanded)
- CCLXXVI. **Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity p-Pb collisions at $s_{NN}=5.02$ and 8.16 TeV**
Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.780, ss.7-20, 2018 (SCI-Expanded)
- CCLXXVII. **Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $s_{NN}=5.02$ TeV**
Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.780, ss.372-383, 2018 (SCI-Expanded)
- :CLXXVIII. **Λ c+ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
Journal of High Energy Physics, cilt.2018, sa.4, 2018 (SCI-Expanded)
- CCLXXIX. **D-Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $s_{NN}=5.02$ TeV**
Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., et al.
Physical Review Letters, cilt.120, sa.10, 2018 (SCI-Expanded)
- CCLXXX. **π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ TeV**
Acharya S., Adam J., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
European Physical Journal C, cilt.78, sa.3, 2018 (SCI-Expanded)
- CCLXXXI. **Production of 4He and He^{-4} in Pb-Pb collisions at $s_{NN}=2.76$ TeV at the LHC**
Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., et al.
Nuclear Physics A, cilt.971, ss.1-20, 2018 (SCI-Expanded)
- CCLXXXII. **Production of deuterons, tritons, He^3 nuclei, and their antinuclei in pp collisions at $s = 0.9, 2.76,$ and 7 TeV**
Acharya S., Adam J., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
Physical Review C, cilt.97, sa.2, 2018 (SCI-Expanded)
- :CLXXXIII. **Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**
Acharya S., Adam J., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
Physical Review C, cilt.97, sa.2, 2018 (SCI-Expanded)
- :CLXXXIV. **The ALICE transition radiation detector: Construction, operation, and performance**
Acharya S., Adam J., Adamová D., Adler C., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, cilt.881, ss.88-127, 2018 (SCI-Expanded)
- CCLXXXV. **Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb**

collisions at $\sqrt{s_{NN}}=2.76$ TeV

Acharya S., Adam J., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.777, ss.151-162, 2018 (SCI-Expanded)

CLXXXVI. J/ψ production as a function of charged-particle pseudorapidity density in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV

Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., Aiola S., Akindinov A., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.776, ss.91-104, 2018 (SCI-Expanded)

CLXXXVII. First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC

Acharya S., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., Aiola S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.776, ss.249-264, 2018 (SCI-Expanded)

:LXXXVIII. Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV

Acharya S., Adam J., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.

Physical Review C, cilt.96, sa.6, 2017 (SCI-Expanded)

:CLXXXIX. J/ψ Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV

Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., et al.

Physical Review Letters, cilt.119, sa.24, 2017 (SCI-Expanded)

CCXC. Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s}=0.9, 7,$ and 8 TeV

Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., et al.

European Physical Journal C, cilt.77, sa.12, 2017 (SCI-Expanded)

CCXCI. Measuring $K_S^0 K^\pm$ interactions using Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV

Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.774, ss.64-77, 2017 (SCI-Expanded)

CCXCII. ALICE Collaboration

Acharya S., Adam J., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.

Nuclear Physics A, cilt.967, ss.932-941, 2017 (SCI-Expanded)

CCXCIII. Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV

Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.773, ss.68-80, 2017 (SCI-Expanded)

CCXCIV. Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV at the LHC

Acharya S., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., et al.

European Physical Journal C, cilt.77, sa.10, 2017 (SCI-Expanded)

CCXCV. Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S.,

et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.772, ss.567-577, 2017 (SCI-Expanded)

CCXCVI. **Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physical Review C, cilt.96, sa.3, 2017 (SCI-Expanded)

CCXCVII. **Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physical Review Letters, cilt.119, sa.10, 2017 (SCI-Expanded)

CCXCVIII. **Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC**

Acharya S., Adamová D., Adolphsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., et al.

Journal of High Energy Physics, cilt.2017, sa.9, 2017 (SCI-Expanded)

CCXCIX. **Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV**

Acharya S., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., Aiola S., et al.

European Physical Journal C, cilt.77, sa.8, 2017 (SCI-Expanded)

CCC. **Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.771, ss.467-481, 2017 (SCI-Expanded)

CCCI. **Production of muons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

Acharya S., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., Aiola S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.770, ss.459-472, 2017 (SCI-Expanded)

CCCII. **Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.

Journal of High Energy Physics, cilt.2017, sa.7, 2017 (SCI-Expanded)

CCCIII. **$K^*(892)0$ and $\phi(1020)$ meson production at high transverse momentum in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physical Review C, cilt.95, sa.6, 2017 (SCI-Expanded)

CCCIV. **Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., Akindinov A., et al.

Physical Review Letters, cilt.118, sa.22, 2017 (SCI-Expanded)

CCCV. **Energy dependence of forward-rapidity J/ψ and $\psi(2S)$ production in pp collisions at the LHC**

Acharya S., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S., Aiola S., et al.

European Physical Journal C, cilt.77, sa.6, 2017 (SCI-Expanded)

CCCVI. **Production of $\Sigma(1385)^\pm$ and $\Xi(1530)0$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

- Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., Akindinov A., et al.
European Physical Journal C, cilt.77, sa.6, 2017 (SCI-Expanded)
- CCCVII. **Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.
Journal of High Energy Physics, cilt.2017, sa.6, 2017 (SCI-Expanded)
- CCCVIII. **ϕ -Meson production at forward rapidity in p-Pb collisions at $s_{NN}=5.02$ TeV and in pp collisions at $s=2.76$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.768, ss.203-217, 2017 (SCI-Expanded)
- CCCIX. **Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.
Physical Review Letters, cilt.118, sa.16, 2017 (SCI-Expanded)
- CCCX. **Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.
European Physical Journal C, cilt.77, sa.4, 2017 (SCI-Expanded)
- CCCXI. **J/ ψ suppression at forward rapidity in Pb-Pb collisions at $s_{NN}=5.02$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.766, ss.212-224, 2017 (SCI-Expanded)
- CCCXII. **Determination of the event collision time with the ALICE detector at the LHC**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.
European Physical Journal Plus, cilt.132, sa.2, 2017 (SCI-Expanded)
- CCCXIII. **W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.
Journal of High Energy Physics, cilt.2017, sa.2, 2017 (SCI-Expanded)
- CCCXIV. **Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.763, ss.238-250, 2016 (SCI-Expanded)
- CCCXV. **ALICE Collaboration**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.
Nuclear Physics A, cilt.956, ss.913-921, 2016 (SCI-Expanded)
- CCCXVI. **D-meson production in p-Pb collisions at $s_{NN}=5.02$ TeV and in pp collisions at $s=7$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.
Physical Review C, cilt.94, sa.5, 2016 (SCI-Expanded)
- CCCXVII. **Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at**

sNN=2.76 TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.762, ss.376-388, 2016 (SCI-Expanded)

CCCXVIII. Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at sNN = 2.76 TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physical Review Letters, cilt.117, sa.18, 2016 (SCI-Expanded)

CCCXIX. Measurement of transverse energy at midrapidity in Pb-Pb collisions at s NN = 2.76 TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physical Review C, cilt.94, sa.3, 2016 (SCI-Expanded)

CCCXX. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions at $\sqrt{sNN}=5.02$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.760, ss.720-735, 2016 (SCI-Expanded)

CCCXXI. Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{sNN}=2.76$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Journal of High Energy Physics, cilt.2016, sa.9, 2016 (SCI-Expanded)

CCCXXII. Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{sNN}=2.76$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Journal of High Energy Physics, cilt.2016, sa.9, 2016 (SCI-Expanded)

CCCXXIII. Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{sNN}=5.02$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.

Journal of High Energy Physics, cilt.2016, sa.8, 2016 (SCI-Expanded)

CCCXXIV. Multi-strange baryon production in p-Pb collisions at $\sqrt{sNN}=5.02$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.758, ss.389-401, 2016 (SCI-Expanded)

CCCXXV. Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at sNN = 5.02 TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physical Review Letters, cilt.116, sa.22, 2016 (SCI-Expanded)

CCCXXVI. Measurement of an Excess in the Yield of J/ψ at Very Low pT in Pb-Pb Collisions at s NN=2.76 TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.

Physical Review Letters, cilt.116, sa.22, 2016 (SCI-Expanded)

CCCXXVII. Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{sNN}= 5.02$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Journal of High Energy Physics, cilt.2016, sa.6, ss.1-23, 2016 (SCI-Expanded)

:CCXXVIII. Multipion Bose-Einstein correlations in pp,p -Pb, and Pb-Pb collisions at energies available at the

CERN Large Hadron Collider

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physical Review C, cilt.93, sa.5, 2016 (SCI-Expanded)

CCCXXIX. **Production of $K^*(892)0$ and $\phi(1020)$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

European Physical Journal C, cilt.76, sa.5, 2016 (SCI-Expanded)

CCCXXX. **Differential studies of inclusive J/ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., et al.

Journal of High Energy Physics, cilt.2016, sa.5, 2016 (SCI-Expanded)

CCCXXXI. **Centrality dependence of charged jet production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

Alice Collaboration C., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.

European Physical Journal C, cilt.76, sa.5, 2016 (SCI-Expanded)

CCCXXXII. **Particle identification in ALICE: a Bayesian approach**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

European Physical Journal Plus, cilt.131, sa.5, 2016 (SCI-Expanded)

:CCXXXIII. **Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.

Physical Review C, cilt.93, sa.4, 2016 (SCI-Expanded)

:CCXXXIV. **Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $s_{NN} = 5.02$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., Aiola S., et al.

Physical Review Letters, cilt.116, sa.13, 2016 (SCI-Expanded)

CCXXXV. **Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.

European Physical Journal C, cilt.76, sa.4, 2016 (SCI-Expanded)

:CCXXXVI. **Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.

Physical Review C, cilt.93, sa.3, 2016 (SCI-Expanded)

CCXXXVII. **Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.

Physical Review C, cilt.93, sa.3, 2016 (SCI-Expanded)

:CXXXVIII. **$3\Delta H$ and $3\Delta H$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.754, ss.360-372, 2016 (SCI-Expanded)

:CCXXXIX. **Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov

A., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.754, ss.373-385, 2016 (SCI-Expanded)

- CCCXL. **Measurement of electrons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.754, ss.81-93, 2016 (SCI-Expanded)
- CCCXLI. **Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.754, ss.235-248, 2016 (SCI-Expanded)
- CCCXLII. **Measurement of Ds + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$**
The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., et al.
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- CCCXLIII. **Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$**
The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., et al.
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- CCCXLIV. **Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., Aimo I., et al.
Physical Review C, cilt.93, sa.2, 2016 (SCI-Expanded)
- CCCXLV. **Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.753, ss.319-329, 2016 (SCI-Expanded)
- CCCXLVI. **Forward-central two-particle correlations in p-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.753, ss.126-139, 2016 (SCI-Expanded)
- CCCXLVII. **Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.753, ss.41-56, 2016 (SCI-Expanded)
- :CCXLVIII. **Azimuthal anisotropy of charged jet production in $\sqrt{s_{NN}}=2.76\text{ TeV}$ Pb-Pb collisions**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.753, ss.511-525, 2016 (SCI-Expanded)
- CCCXLIX. **Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $s_{NN} = 2.76\text{ TeV}$**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et

al.

Physical Review C, cilt.93, sa.2, 2016 (SCI-Expanded)

- CCCL. **Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider**
Adam J., Adamov D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.
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- CCCLI. **Search for weakly decaying Λn^- and $\Lambda\Lambda$ exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., Aimo I., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.752, ss.267-277, 2016 (SCI-Expanded)
- CCCLII. **Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aiola S., Akindinov A., et al.
European Physical Journal C, cilt.76, sa.2, 2016 (SCI-Expanded)
- CCCLIII. **Coherent $\psi(2S)$ photo-production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.
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- CCCLIV. **One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $s_{NN}=2.76$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.
Physical Review C - Nuclear Physics, cilt.92, sa.5, 2015 (SCI-Expanded)
- CCCLV. **Centrality dependence of inclusive J/ψ production in p-Pb collisions at (Formula presented.) TeV**
The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., et al.
Journal of High Energy Physics, cilt.2015, sa.11, ss.1-33, 2015 (SCI-Expanded)
- CCCLVI. **Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at (Formula presented.) TeV**
The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., et al.
Journal of High Energy Physics, cilt.2015, sa.11, ss.1-24, 2015 (SCI-Expanded)
- CCCLVII. **Measurement of charged jet production cross sections and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.749, ss.68-81, 2015 (SCI-Expanded)
- CCCLVIII. **Precision measurement of the mass difference between light nuclei and anti-nuclei**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., Aimo I., et al.
Nature Physics, cilt.11, sa.10, ss.811-814, 2015 (SCI-Expanded)
- CCCLIX. **Coherent ρ^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., et al.
Journal of High Energy Physics, cilt.2015, sa.9, 2015 (SCI-Expanded)
- CCCLX. **Measurement of charm and beauty production at central rapidity versus charged-particle**

multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV

The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., et al.

Journal of High Energy Physics, cilt.2015, sa.9, 2015 (SCI-Expanded)

CCCLXI. Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV

The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., et al.

Journal of High Energy Physics, cilt.2015, sa.9, 2015 (SCI-Expanded)

CCCLXII. Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}$ TeV

The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., et al.

Journal of High Energy Physics, cilt.2015, sa.7, 2015 (SCI-Expanded)

CCCLXIII. Measurement of dijet k_T in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., Aimo I., Aiola S., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.746, ss.385-395, 2015 (SCI-Expanded)

CCCLXIV. Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., Aimo I., et al.

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.746, ss.1-14, 2015 (SCI-Expanded)

CCCLXV. Elliptic flow of identified hadrons in Pb-Pb collisions at (Formula presented.) = 2.76 TeV

The ALICE collaboration A., Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.

Journal of High Energy Physics, cilt.2015, sa.6, 2015 (SCI-Expanded)

CCCLXVI. Charged jet cross sections and properties in proton-proton collisions at $s = 7$ TeV

Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.

Physical Review D - Particles, Fields, Gravitation and Cosmology, cilt.91, sa.11, 2015 (SCI-Expanded)

CCCLXVII. Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., et al.

Journal of High Energy Physics, cilt.2015, sa.6, 2015 (SCI-Expanded)

:CCLXVIII. Centrality dependence of particle production in p-Pb collisions at $s_{NN} = 5.02$ TeV

Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmed I., Ahn S., et al.

Physical Review C - Nuclear Physics, cilt.91, sa.6, 2015 (SCI-Expanded)

CCCLXIX. Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV

Adam J., Adamová D., Aggarwal M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., Aimo I., et al.

European Physical Journal C, cilt.75, sa.5, 2015 (SCI-Expanded)

CCCLXX. Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV

The ALICE collaboration A., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., et al.

Journal of High Energy Physics, cilt.2015, sa.5, 2015 (SCI-Expanded)

CCCLXXI. Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV

ALICE Collaboration C., Abelev B., Adam J., Adamová D., Aggarwal M., Rinella G. A., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., et al.

- European Physical Journal C, cilt.75, sa.4, 2015 (SCI-Expanded)
- CCCLXXII. **Two-pion femtoscopy in p -Pb collisions at $s_{NN} = 5.02$ TeV**
Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S., Aimo I., et al.
Physical Review C - Nuclear Physics, cilt.91, sa.3, 2015 (SCI-Expanded)
- :CCLXXIII. **$K^*(892)0$ and $\phi(1020)$ production in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmad Masoodi A., et al.
Physical Review C - Nuclear Physics, cilt.91, sa.2, 2015 (SCI-Expanded)
- :CCLXXIV. **Multiplicity dependence of jet-like two-particle correlation structures in p-Pb collisions at $s_{NN} = 5.02$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.741, ss.38-50, 2015 (SCI-Expanded)
- CCCLXXV. **Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $s = 2.76$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
Physical Review D - Particles, Fields, Gravitation and Cosmology, cilt.91, sa.1, 2015 (SCI-Expanded)
- :CCLXXVI. **Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.740, ss.105-117, 2015 (SCI-Expanded)
- CCLXXVII. **Production of $\Sigma(1385)\pm$ and $\Xi(1530)0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV**
ALICE Collaboration C., Abelev B., Adam J., Adamová D., Aggarwal M., Rinella G. A., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., et al.
European Physical Journal C, cilt.75, sa.1, ss.1-19, 2015 (SCI-Expanded)
- :CLXXVIII. **Exclusive J/ψ photoproduction off protons in ultraperipheral p -Pb collisions at $s_{NN} = 5.02$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
Physical Review Letters, cilt.113, sa.23, 2014 (SCI-Expanded)
- :CCLXXIX. **Measurement of prompt D -meson production in p-Pb collisions at $s_{NN} = 5.02$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
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- CCCLXXX. **Freeze-out radii extracted from three-pion cumulants in pp, p-Pb and Pb-Pb collisions at the LHC**
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- :CCLXXXI. **ALICE Collaboration**
Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
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- CCLXXXII. **Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays**
Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.738, ss.97-108, 2014 (SCI-Expanded)

- :CLXXXIII. **Multiparticle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider**
Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
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- :CLXXXIV. **ALICE Collaboration**
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- CCLXXXV. **Suppression of $\Upsilon(1S)$ at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
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- :CLXXXVI. **Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector**
Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
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- CLXXXVII. **Event-by-event mean p_T fluctuations in pp and Pb-Pb collisions at the LHC**
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- :LXXXVIII. **Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}$ TeV**
The ALICE Collaboration A., Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
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- :CLXXXIX. **Performance of the ALICE experiment at the CERN LHC**
Abelev B., Abramyan A., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
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- CCCXC. **Azimuthal anisotropy of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
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- CCCXCI. **Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.736, ss.196-207, 2014 (SCI-Expanded)
- CCCXCII. **Transverse momentum dependence of inclusive primary charged-particle production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
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- CCCXCIII. **Upgrade of the ALICE experiment: Letter of intent**
Abelev B., Adam J., Adamová D., Adare A., Aggarwal M., Aglieri Rinella G., Agnello M., Agocs A., Agostinelli A., Ahammed Z., et al.
Journal of Physics G: Nuclear and Particle Physics, cilt.41, sa.8, 2014 (SCI-Expanded)
- CCCXCIV. **Measurement of quarkonium production at forward rapidity in pp $\sqrt{s}=7$ TeV**
The ALICE Collaboration A., Abelev B., Adam J., Adamová D., Aggarwal M., Agnello M., Agostinelli A., Agrawal N.,

- Ahmed Z., Ahmad N., et al.
European Physical Journal C, cilt.74, sa.8, ss.1-21, 2014 (SCI-Expanded)
- CCCXCV. **Technical design report for the upgrade of the ALICE inner tracking system**
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- CCCXCVI. **Centrality, rapidity and transverse momentum dependence of J/ψ suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$**
Abelev B., Adam J., Adamová D., Aggarwal M., Aglieri Rinella G., Agnello M., Agocs A., Agostinelli A., Agrawal N., Ahmed Z., et al.
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- CCCXCVII. **Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $s_{NN} = 2.76 \text{ TeV}$ at the CERN Large Hadron Collider**
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- :CCXCVIII. **Multiplicity dependence of pion, kaon, proton and lambda production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$**
Abelev B., Adam J., Adamová D., Adare A., Aggarwal M., Aglieri Rinella G., Agnello M., Agocs A., Agostinelli A., Ahmed Z., et al.
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- CCCXCIX. **Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$**
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Avrupa Birliği, European Cooperation in Science and Technology, Nuclear and High Energy Physics

Mesleki Dernek, CERN, ALICE Experiment

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