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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. **Enhancing precision in J/ψ mass estimation: A study of ensemble and deep learning methods**
Kuzu S. Y., KARASU UYSAL A., Kaya M.
Computer Physics Communications, cilt.310, 2025 (SCI-Expanded)
- II. **Multiplicity dependence of Υ production at forward rapidity 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.
Nuclear Physics B, cilt.1011, 2025 (SCI-Expanded)
- III. **Probing Strangeness Hadronization with Event-by-Event Production of Multistrange Hadrons**
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 Letters, cilt.134, sa.2, 2025 (SCI-Expanded)
- IV. **Rapidity dependence of antideuteron coalescence in pp collisions at $s=13$ TeV with ALICE**
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.860, 2025 (SCI-Expanded)
- V. **Measurement of HA_3 production 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.860, 2025 (SCI-Expanded)
- VI. **Investigating Λ baryon production in p -Pb collisions in jets and the underlying event 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.
Physical Review C, cilt.111, sa.1, 2025 (SCI-Expanded)
- VII. **Particle production as a function of charged-particle flattenicity 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.111, sa.1, 2025 (SCI-Expanded)
- VIII. **Measurement of the production and elliptic flow of (anti)nuclei in Xe-Xe collisions at $s_{NN} =5.44$ 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 C, cilt.110, sa.6, 2024 (SCI-Expanded)
- IX. **Investigating strangeness enhancement in jet and medium via (Formula presented) production in (Formula presented)-Pb collisions at (Formula presented)**
Grigoryan S., Balis B., Gorgon M., Horzyk A., Jablonski M., Kitowski J., Koryciak S., Lelek T., Majerz E., Marcjan R., et al.
Physical Review C, cilt.110, sa.6, 2024 (SCI-Expanded)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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, cilt.110, sa.3, 2024 (SCI-Expanded)
- XXI. **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)
- XXII. **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)
- XXIII. **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

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Physical Review Letters, cilt.133, sa.2, 2024 (SCI-Expanded)
- XXIV. **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)
- XXV. **Measurements of jet quenching using semi-inclusive hadron+jet distributions in pp and central 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.110, sa.1, 2024 (SCI-Expanded)
- XXVI. **Systematic study of flow vector fluctuations in $\sqrt{s_{NN}} = 5.02$ 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)
- XXVII. **Observation of abnormal suppression of $f_0(980)$ production 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.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.853, 2024 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **Light-flavor particle production in high-multiplicity pp collisions at $\sqrt{s} = 13$ 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)
- XXX. **Multiplicity-dependent production of $\Sigma(1385)^\pm$ and $\Xi(1530)^0$ 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.2024, sa.5, 2024 (SCI-Expanded)
- XXXI. **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)
- XXXII. **ALICE upgrades during the LHC Long Shutdown 2**
Acharya S., Hernandez R. A., Adamová D., Adler A., Adolphsson J., Aguiaro D., Rinella G. A., Agnello M., Agnese F., Agrawal N., et al.
Journal of Instrumentation, cilt.19, sa.5, 2024 (SCI-Expanded)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **Modification of charged-particle jets in event-shape engineered 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.851, 2024 (SCI-Expanded)
- XXXVII. **$K^*(892)\pm$ resonance production in 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.109, sa.4, 2024 (SCI-Expanded)
- XXXVIII. **Multiplicity and event-scale dependent flow and jet fragmentation in pp collisions at $s = 13$ TeV and 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.3, 2024 (SCI-Expanded)
- XXXIX. **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)
- XL. **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)
- XLI. **Measurement of the radius dependence of charged-particle jet suppression in 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.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.849, 2024 (SCI-Expanded)
- XLII. **Measurements of inclusive J/ψ production at midrapidity and forward rapidity in 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.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.849, 2024 (SCI-Expanded)
- XLIII. **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)
- XLIV. **Femtoscopic correlations of identical charged pions and kaons in pp collisions at $s = 13$ 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)
- XLV. **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)
- XLVI. **ψ (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.

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Physical Review Letters, cilt.132, sa.4, 2024 (SCI-Expanded)

- XLVII. **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)
- XLVIII. **Measurements of long-range two-particle correlation over a wide pseudorapidity range 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.1, 2024 (SCI-Expanded)
- XLIX. **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)
- L. **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)
- LI. **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)
- LII. **Exclusive and dissociative J/ψ photoproduction, and exclusive dimuon production, in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ 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)
- LIII. **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)
- LIV. **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)
- LV. **Charm production and fragmentation fractions at midrapidity 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.2023, sa.12, 2023 (SCI-Expanded)
- LVI. **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)
- LVII. **First measurement of prompt and non-prompt D⁺ 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)
- LVIII. **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)
- LIX. **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)
- LX. **Photoproduction of low-pT 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)
- LXI. **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)
- LXII. **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)
- LXIII. **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.
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- LXIV. **First measurement of Ω_c^0 production in pp collisions at $s=13$ TeV**
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- LXVI. **Higher-order correlations between different moments of two flow amplitudes in Pb–Pb collisions at $s_{NN} = 5.02$ TeV**
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- LXIX. **Accessing the strong interaction between Λ baryons and charged kaons with the femtoscopy technique at the LHC**
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- LXX. **Multiplicity dependence of charged-particle production in pp, p-Pb, Xe-Xe and Pb-Pb collisions at the LHC**
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- LXXI. **Pseudorapidity densities of charged particles with transverse momentum thresholds in pp collisions at $s = 5.02$ and 13 TeV**
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- LXXXIII. **Performance of the ALICE Electromagnetic Calorimeter**
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- LXXXIV. **Enhanced Deuteron Coalescence Probability in Jets**
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- LXXXV. **First Measurement of Antideuteron Number Fluctuations at Energies Available at the Large Hadron Collider**
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- LXXXVII. **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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- XC. **Towards the understanding of the genuine three-body interaction for p-p-p and p-p- Λ**
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- XCI. **J/ψ production at midrapidity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV**
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- XCII. Symmetry plane correlations in Pb–Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
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- XCIII. Underlying-event properties in pp and p–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- XCIV. Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV**
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- XCIV. Measurement of inclusive and leading subjet fragmentation in pp and Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- XCVI. 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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- XCVII. 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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- XCVIII. 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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- XCIX. Jet-like correlations with respect to K_S^0 and Λ (Λ^-) in pp and central Pb–Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
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- C. Measurements of the groomed jet radius and momentum splitting fraction with the soft drop and dynamical grooming algorithms in pp collisions at $\sqrt{s} = 5.02$ TeV**
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- CI. Neutron emission in ultraperipheral Pb–Pb collisions at $s_{NN}=5.02$ TeV**
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- CII. Anisotropic flow and flow fluctuations of identified hadrons in Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CIII. 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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CIV. Measurement of $\Psi(2S)$ 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

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CV. Light (anti)nuclei production in Pb-Pb collisions at $s_{NN} = 5.02$ TeV

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CVI. 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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CVII. Two-particle transverse momentum correlations in pp and p -Pb collisions at energies available at the CERN Large Hadron Collider

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CVIII. W_{\pm} -boson production in p–Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV and Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

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CIX. 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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CX. $\Sigma(1385) \pm$ resonance production in Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

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European Physical Journal C, cilt.83, sa.5, 2023 (SCI-Expanded)

CXI. $K^*(892)0$ and $\phi(1020)$ production 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.

Physical Review C, cilt.107, sa.5, 2023 (SCI-Expanded)

CXII. Constraining hadronization mechanisms with Λ_c^+/Δ^0 production ratios in Pb–Pb collisions at $s_{NN} = 5.02$ TeV

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

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.839, 2023 (SCI-Expanded)

CXIII. Constraining the $K^- N$ coupled channel dynamics using femtoscopic correlations 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.

European Physical Journal C, cilt.83, sa.4, 2023 (SCI-Expanded)

CXIV. Inclusive quarkonium production 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.
European Physical Journal C, cilt.83, sa.1, 2023 (SCI-Expanded)
- CXV. **Measurement of anti- ^3He nuclei absorption in matter and impact on their propagation in the Galaxy**
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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- CXVI. **Measurement of beauty production via non-prompt D^0 mesons 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.
Journal of High Energy Physics, cilt.2022, sa.12, 2022 (SCI-Expanded)
- CXVII. **Characterizing the initial conditions of heavy-ion collisions at the LHC with mean transverse momentum and anisotropic flow correlations**
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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- CXVIII. **KS^0K^0 and KS^0K^\pm femtoscopy in pp collisions at $s=5.02$ and 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.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.833, 2022 (SCI-Expanded)
- CXIX. **General balance functions of identified charged hadron pairs of (π, K, p) in Pb-Pb collisions at $s_{NN}=2.76$ 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.833, 2022 (SCI-Expanded)
- CXX. **Exploring the $N\Lambda-N\Sigma$ coupled system with high precision correlation techniques at the LHC**
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.833, 2022 (SCI-Expanded)
- CXXI. **Neutral to charged kaon yield fluctuations in Pb - Pb collisions at $s_{NN}=2.76$ 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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- CXXII. **First study of the two-body scattering involving charm hadrons**
Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
Physical Review D, cilt.106, sa.5, 2022 (SCI-Expanded)
- CXXIII. **Production of $K^*(892)^0$ and $\phi(1020)$ in pp and Pb-Pb collisions at $s_{NN} = 5.02$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
Physical Review C, cilt.106, sa.3, 2022 (SCI-Expanded)
- CXXIV. **Study of very forward energy and its correlation with particle production at midrapidity in pp and p-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.
Journal of High Energy Physics, cilt.2022, sa.8, 2022 (SCI-Expanded)
- CXXV. **Hypertriton Production in 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.
Physical Review Letters, cilt.128, sa.25, 2022 (SCI-Expanded)

- CXXVI. **Investigating the role of strangeness in baryon–antibaryon annihilation at the LHC**
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.829, 2022 (SCI-Expanded)
- CXXVII. **Observation of a multiplicity dependence in the pT-differential charm baryon-to-meson ratios in proton–proton collisions at 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.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.829, 2022 (SCI-Expanded)
- CXXVIII. **Inclusive, prompt and non-prompt J/ψ production at midrapidity in p-Pb collisions at √sNN = 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.
Journal of High Energy Physics, cilt.2022, sa.6, 2022 (SCI-Expanded)
- CXXIX. **Multiplicity dependence of charged-particle jet production in pp collisions at √s=13TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
European Physical Journal C, cilt.82, sa.6, 2022 (SCI-Expanded)
- CXXX. **Forward rapidity J/ψ production as a function of charged-particle multiplicity in pp collisions at √s = 5.02 and 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.
Journal of High Energy Physics, cilt.2022, sa.6, 2022 (SCI-Expanded)
- CXXXI. **Direct observation of the dead-cone effect in quantum chromodynamics**
Acharya S., Adamova D., Adler A., Adolfsson J., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S., et al.
Nature, cilt.605, sa.7910, ss.440-446, 2022 (SCI-Expanded)
- CXXXII. **Measurement of K⁰(892)± production in inelastic pp collisions at the LHC**
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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- CXXXIII. **Measurements of the groomed and ungroomed jet angularities in pp collisions at √s = 5.02 TeV**
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- CXXXIV. **Polarization of Λ and Λ̄ Hyperons along the Beam Direction in Pb-Pb Collisions at √sNN=5.02 TeV**
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- CXXXV. **Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in p-Pb collisions at sNN=8.16 TeV**
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- CXXXVI. **Measurement of prompt Ds+-meson production and azimuthal anisotropy in Pb–Pb collisions at sNN=5.02TeV**
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- CXXXVII. **Production of Λ and K⁰S in jets in p–Pb collisions at sNN=5.02 TeV and pp collisions at s=7 TeV**
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CXXXVIII. **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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CXXXIX. **Production of light (anti)nuclei in pp collisions at $\sqrt{s}=5.02$ TeV**

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CXL. **Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in pp and Pb-Pb Collisions at $s_{NN}=5.02$ TeV**

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CXLI. **Prompt and non-prompt J/ψ production cross sections at midrapidity in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV**

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CXLII. **Measurement of Prompt D^0 , Λ_c^+ , and $\Sigma_c^0, ++$ (2455) Production in Proton-Proton 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. U., et al.

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CXLIV. **Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC**

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CXLV. **Prompt D^0 , D^+ , and D^{*+} production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

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CXLVI. **Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**

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CXLVII. **Measurement of the Cross Sections of Ξ_c^0 and Ξ_c^+ Baryons and of the Branching-Fraction Ratio $BR(\Xi_c^0 \rightarrow \Xi^- e^+ \nu_e)/BR(\Xi_c^0 \rightarrow \Xi^- \pi^+)$ in pp Collisions at $s = 13$ TeV**

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CXLVIII. **Inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s}=13$ TeV**

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- CXLIX. **Λ_c^+ Production and Baryon-to-Meson Ratios in pp and p -Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV at the LHC**
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- CL. **Υ production and nuclear modification at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CLI. **Kaon-proton strong interaction at low relative momentum via femtoscopy in Pb-Pb collisions at the LHC**
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- CLIII. **Λ_c^+ production in pp and in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CLIV. **Experimental Evidence for an Attractive p- ϕ Interaction**
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- CLV. **K_S^0 - and (anti-) Λ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV**
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- CLVI. **Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV**
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- CLVIII. **Measurement of the production cross section of prompt Ξ_c^0 baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV**
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- CLIX. **First measurement of coherent ρ^0 photoproduction in ultra-peripheral Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV**
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- CLX. **Production of muons from heavy-flavour hadron decays at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV**

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- CLXIII. **Inclusive heavy-flavour production at central and forward rapidity in Xe-Xe collisions at $s_{NN} = 5.44$ TeV**
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- CLXVI. **Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC**
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- CLXVII. **Soft-Dielectron Excess in Proton-Proton Collisions at $s = 13$ TeV**
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- CLXVIII. **Measurements of mixed harmonic cumulants in Pb-Pb collisions at $s_{NN} = 5.02$ TeV**
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- CLXX. **Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV**
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- CLXXI. **First measurement of the $|t|$ -dependence of coherent J/ψ photonuclear production**
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- CLXXII. **Alk femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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- CLXXIII. **Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s} = 13$ TeV**
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- CLXXIV. **Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons**
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- CLXXVI. **First measurement of quarkonium polarization in nuclear collisions at the LHC**
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- CLXXVIII. **Transverse-momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., et al.
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- CLXXXIV. **Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CLXXXVI. **Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $s = 13$ TeV**
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- CXCIII. **J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV**
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- CC. **Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC**
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- CCI. **Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions**
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- CCII. **Measurement of nuclear effects on $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., et al.
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- CCIII. **Measurement of the (anti-) ^3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$**
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- CCIV. **Investigation of the p- Ξ^0 interaction via femtoscopy in pp collisions**
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- CCV. **Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
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- CCVII. **Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CCIX. **Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $s_{NN}=5.02$ TeV**
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- CCXI. **Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CCXIII. **Production of (anti-) He 3 and (anti-) H 3 in p-Pb collisions at $s_{NN} = 5.02$ TeV**
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- CCXIV. **Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at $s_{NN} = 5.02$ TeV**
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- CCXV. **Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV**
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- CCXVI. **Measurement of strange baryon-antibaryon interactions with femtosopic correlations**
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- CCXVII. **Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies**
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- CCXVIII. **Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of $K^*(892)^0$ and $\phi(1020)$ mesons**
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- Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.802, 2020 (SCI-Expanded)
- CCXXIX. **Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physical Review Letters, cilt.124, sa.9, 2020 (SCI-Expanded)
- CCXXX. **Measurements of inclusive jet spectra in pp and central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad S., et al.
Physical Review C, cilt.101, sa.3, 2020 (SCI-Expanded)
- CCXXXI. **Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
European Physical Journal C, cilt.80, sa.2, 2020 (SCI-Expanded)
- CCXXXII. **Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
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- CCXXXIII. **Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Journal of High Energy Physics, cilt.2020, sa.2, 2020 (SCI-Expanded)
- CCXXXIV. **Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s}=7$ TeV and p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
European Physical Journal C, cilt.80, sa.2, 2020 (SCI-Expanded)
- CCXXXV. **Multiplicity dependence of light (anti-)nuclei production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.800, 2020 (SCI-Expanded)
- CCXXXVI. **Measurement of prompt D^0 , D^+ , D^{*+} , and DS^+ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
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- CCXXXVII. **Measurement of charged jet cross section in pp collisions at $\sqrt{s} = 5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physical Review D, cilt.100, sa.9, 2019 (SCI-Expanded)
- CCXXXVIII. **Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.798, 2019 (SCI-Expanded)
- CCXXXIX. **Measurement of $\gamma(1S)$ Elliptic Flow at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physical Review Letters, cilt.123, sa.19, 2019 (SCI-Expanded)
- CCXXXX. **Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s}=7$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N.,

- Ahammed Z., et al.
European Physical Journal C, cilt.79, sa.11, 2019 (SCI-Expanded)
- CCXXXI. **Study of the Λ - Λ interaction with femtoscopy correlations in pp and p-Pb collisions at the LHC**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.797, 2019 (SCI-Expanded)
- CCXXXII. **Two-particle differential transverse momentum and number density correlations in p-Pb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider**
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 C, cilt.100, sa.4, 2019 (SCI-Expanded)
- CCXXXIII. **Λ and Λ^{-} lifetime measurement in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV via two-body decay**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.797, 2019 (SCI-Expanded)
- CCXXXIV. **Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in pp, p-Pb, Xe-Xe, and Pb-Pb Collisions at the LHC**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physical Review Letters, cilt.123, sa.14, 2019 (SCI-Expanded)
- CCXXXV. **Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Journal of High Energy Physics, cilt.2019, sa.10, 2019 (SCI-Expanded)
- CCXXXVI. **First observation of an attractive interaction between a proton and a cascade baryon**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physical Review Letters, cilt.123, sa.11, 2019 (SCI-Expanded)
- CCXXXVII. **Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.796, ss.204-219, 2019 (SCI-Expanded)
- CCXXXVIII. **Real-time data processing in the ALICE High Level Trigger at the LHC**
Acharya S., Acosta F., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Ahammed Z., et al.
Computer Physics Communications, cilt.242, ss.25-48, 2019 (SCI-Expanded)
- CCXXXIX. **Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Journal of High Energy Physics, cilt.2019, sa.9, 2019 (SCI-Expanded)
- CCXL. **Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Journal of High Energy Physics, cilt.2019, sa.9, 2019 (SCI-Expanded)
- CCXLI. **One-dimensional charged kaon femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
Physical Review C, cilt.100, sa.2, 2019 (SCI-Expanded)
- CCXLII. **Measurement of the production of charm jets tagged with D^0 mesons in pp collisions at $\sqrt{s}=7$ TeV**
Acharya S., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N.,

- Ahmed Z., et al.
Journal of High Energy Physics, cilt.2019, sa.8, 2019 (SCI-Expanded)
- CCXLIII. **Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s}=7\text{TeV}$**
Acharya S., Acosta F., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Ahmed Z., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.794, ss.50-63, 2019 (SCI-Expanded)
- CCXLIV. **Λ_c^+ production in Pb–Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$**
Acharya S., Acosta F., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.793, ss.212-223, 2019 (SCI-Expanded)
- CCXLV. **Analysis of the apparent nuclear modification in peripheral Pb–Pb collisions at 5.02 TeV**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahmed Z., Ahn S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.793, ss.420-432, 2019 (SCI-Expanded)
- CCXLVI. **Production of the $\rho(770)0$ meson in pp and Pb–Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahmed Z., Ahn S., et al.
Physical Review C, cilt.99, sa.6, 2019 (SCI-Expanded)
- CCXLVII. **Energy dependence of exclusive J/ψ photoproduction off protons in ultra-peripheral p–Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$**
Acharya S., Acosta F., Adam J., Adamová D., Adler A., Adolfsson J., Aggarwal M., Rinella G. A., Agnello M., Agrawal N., et al.
European Physical Journal C, cilt.79, sa.5, 2019 (SCI-Expanded)
- CCXLVIII. **Charged-particle pseudorapidity density at mid-rapidity in p–Pb collisions at $\sqrt{s_{NN}}=8.16\text{ TeV}$**
Acharya S., Acosta F., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Rinella G. A., Agnello M., Ahmed Z., et al.
European Physical Journal C, cilt.79, sa.4, 2019 (SCI-Expanded)
- CCXLIX. **Measuring $K_S^0 K_{S^*}^{\pm}$ interactions using pp collisions at $\sqrt{s}=7\text{ TeV}$**
Acharya S., Acosta F., Adamová D., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahmed Z., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.790, ss.22-34, 2019 (SCI-Expanded)
- CCL. **Υ suppression at forward rapidity in Pb–Pb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$**
Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahmed Z., Ahn S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.790, ss.89-101, 2019 (SCI-Expanded)
- CCLI. **Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe–Xe collisions at $\sqrt{s_{NN}}=5.44\text{TeV}$**
Acharya S., Torales-Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahmed Z., Ahn S., et al.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.790, ss.35-48, 2019 (SCI-Expanded)
- CCLII. **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**
Acharya S., Acosta F., Adamová D., Adhya S., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Ahmed Z., et al.
Journal of High Energy Physics, cilt.2019, sa.3, 2019 (SCI-Expanded)

- CCLIII. **Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p -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.
 Physical Review Letters, cilt.122, sa.7, 2019 (SCI-Expanded)
- CCLIV. **Direct photon production at low transverse momentum in proton-proton collisions at $s = 2.76$ and 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.
 Physical Review C, cilt.99, sa.2, 2019 (SCI-Expanded)
- CCLV. **Measurement of dielectron production in central Pb-Pb collisions at $s_{NN} = 2.76$ TeV**
 Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
 Physical Review C, cilt.99, sa.2, 2019 (SCI-Expanded)
- CCLVI. **p-p, p-A , and Λ - Λ correlations studied via femtoscopy in pp reactions at $s = 7$ 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 C, cilt.99, sa.2, 2019 (SCI-Expanded)
- CCLVII. **Direct photon elliptic flow in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**
 Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
 Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.789, ss.308-322, 2019 (SCI-Expanded)
- CCLVIII. **Multiplicity dependence of light-flavor hadron production in pp collisions at $s = 7$ TeV**
 Acharya S., Acosta F., Adamová D., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
 Physical Review C, cilt.99, sa.2, 2019 (SCI-Expanded)
- CCLIX. **Suppression of $\Lambda(1520)$ resonance production in central Pb-Pb collisions at $s_{NN} = 2.76$ 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 C, cilt.99, sa.2, 2019 (SCI-Expanded)
- CCLX. **ALICE Collaboration**
 Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
 Nuclear Physics A, cilt.982, ss.975-984, 2019 (SCI-Expanded)
- CCLXI. **Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
 Acharya S., Acosta F., Adamová D., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
 Journal of High Energy Physics, cilt.2019, sa.2, 2019 (SCI-Expanded)
- CCLXII. **Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
 Acharya S., Acosta F., Adamová D., Adler A., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., et al.
 Journal of High Energy Physics, cilt.2019, sa.2, 2019 (SCI-Expanded)
- CCLXIII. **Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $s_{NN} = 5.44$ TeV**
 Acharya S., Acosta F., Adamová D., Adolfsson J., Aggarwal M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahn S., et al.
 Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.788, ss.166-179, 2019 (SCI-Expanded)
- CCLXIV. **Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $s = 13$ TeV**

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

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.788, ss.505-518, 2019 (SCI-Expanded)

CCLXV. Charged jet cross section and fragmentation in proton-proton collisions at $s = 7$ TeV

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

Physical Review D, cilt.99, sa.1, 2019 (SCI-Expanded)

CCLXVI. Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC

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.11, 2018 (SCI-Expanded)

CCLXVII. Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $s_{NN}=2.76$ TeV

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

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.785, ss.320-331, 2018 (SCI-Expanded)

CCLXVIII. Inclusive J/ψ production in Xe-Xe collisions at $s_{NN}=5.44$ TeV

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

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.785, ss.419-428, 2018 (SCI-Expanded)

CCLXIX. Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $s_{NN} = 2.76$ TeV

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

Physical Review C, cilt.98, sa.4, 2018 (SCI-Expanded)

CCLXX. Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV

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

Journal of High Energy Physics, cilt.2018, sa.10, 2018 (SCI-Expanded)

CCLXXI. 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.

Journal of High Energy Physics, cilt.2018, sa.10, 2018 (SCI-Expanded)

CCLXXII. 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

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.10, 2018 (SCI-Expanded)

CCLXXIII. Anisotropic flow in Xe-Xe collisions at $s_{NN}=5.44$ TeV

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

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.784, ss.82-95, 2018 (SCI-Expanded)

CCLXXIV. 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)

CCLXXV. 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)
- CCLXXVI. **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)
- CCLXXVII. **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)
- :CLXXVIII. **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)
- CCLXXIX. **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)
- CCLXXX. **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)
- CCLXXXI. **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.
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- CCLXXXII. **First measurement of Ξ_c^0 production in pp collisions at $s=7$ 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.781, ss.8-19, 2018 (SCI-Expanded)
- :CLXXXIII. **Longitudinal asymmetry and its effect on pseudorapidity distributions 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.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.781, ss.20-32, 2018 (SCI-Expanded)
- :CLXXXIV. **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)
- CCLXXXV. **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)

- :CLXXXVI. **Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity p-Pb collisions at $\sqrt{s_{NN}}=5.02$ 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)
- CLXXXVII. **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)
- :LXXXVIII. **D-Meson Azimuthal Anisotropy in Midcentral 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., Ahmad N., Ahn S., et al.
 Physical Review Letters, cilt.120, sa.10, 2018 (SCI-Expanded)
- :CLXXXIX. **Production of 4He and He^{-4} 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., Ahn S., Aiola S., et al.
 Nuclear Physics A, cilt.971, ss.1-20, 2018 (SCI-Expanded)
- CCXC. **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)
- CCXCI. **Production of deuterons, tritons, He^3 nuclei, and their antinuclei in pp collisions at $\sqrt{s}=0.9, 2.76,$ 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)
- CCXCII. **Systematic studies of correlations between different order flow harmonics 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.97, sa.2, 2018 (SCI-Expanded)
- CCXCIII. **The ALICE transition radiation detector: Construction, operation, and performance**
 Acharya S., Adam J., Adamova 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)
- CCXCIV. **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.
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- CCXCV. **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)
- CCXCVI. **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)

CCXCVII. **Kaon femtoscopy in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**

Acharya S., Adam J., Adamová D., Adolfsen 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)

CCXCVIII. **J / ψ Elliptic Flow in Pb-Pb Collisions at $s_{NN} = 5.02$ TeV**

Acharya S., Adamová D., Adolfsen 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)

CCXCIX. **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., Adolfsen 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)

CCC. **Measuring KS $0K_{\pm}$ interactions using Pb-Pb collisions at $s_{NN} = 2.76$ TeV**

Acharya S., Adamová D., Adolfsen 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)

CCCI. **ALICE Collaboration**

Acharya S., Adam J., Adamová D., Adolfsen 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)

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

Acharya S., Adamová D., Adolfsen 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)

CCCIII. **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., Adolfsen 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)

CCCIV. **Centrality dependence of the pseudorapidity density distribution for 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.

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

CCCV. **Anomalous Evolution of the Near-Side Jet Peak Shape 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 Letters, cilt.119, sa.10, 2017 (SCI-Expanded)

CCCVI. **Evolution of the longitudinal and azimuthal structure of the near-side jet peak 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.96, sa.3, 2017 (SCI-Expanded)

CCCVII. **Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions**

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.

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

CCCVIII. 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)

CCCIX. 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)

CCCX. 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)

CCCXI. 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)

CCCXII. $K^*(892)0$ 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)

CCCXIII. 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)

CCCXIV. 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)

CCCXV. 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)

CCCXVI. 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)

CCCXVII. ϕ -Meson production at forward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV and in pp collisions at $\sqrt{s}=2.76$ 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)

- CCCXVIII. **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)
- CCCXIX. **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)
- CCCXX. **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.
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- CCCXXI. **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)
- CCCXXII. **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.
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- CCCXXIII. **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)
- CCCXXIV. **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)
- CCCXXV. **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)
- CCCXXVI. **Pseudorapidity dependence of the anisotropic flow of charged particles 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.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.762, ss.376-388, 2016 (SCI-Expanded)
- CCCXXVII. **Correlated Event-by-Event Fluctuations of Flow Harmonics 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 Letters, cilt.117, sa.18, 2016 (SCI-Expanded)
- CCCXXVIII. **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)

- CCCXXIX. **Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum 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.
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- CCCXXX. **Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity 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.
Journal of High Energy Physics, cilt.2016, sa.9, 2016 (SCI-Expanded)
- CCCXXXI. **Higher harmonic flow coefficients of identified hadrons 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.
Journal of High Energy Physics, cilt.2016, sa.9, 2016 (SCI-Expanded)
- CCCXXXII. **Measurement of D-meson production versus multiplicity 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., Aiola S., Akhmedov A., et al.
Journal of High Energy Physics, cilt.2016, sa.8, 2016 (SCI-Expanded)
- CCCXXXIII. **Multi-strange baryon 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.
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- CCCXXXIV. **Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $s_{NN} = 5.02$ TeV**
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- CCCXXXV. **Measurement of an Excess in the Yield of J/ψ at Very Low p_T in Pb-Pb Collisions at $s_{NN}=2.76$ TeV**
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- CCCXXXVI. **Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}}= 5.02$ TeV**
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- CCCXXXVII. **Multipion Bose-Einstein correlations in pp, p-Pb, and Pb-Pb collisions at energies available at the CERN Large Hadron Collider**
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- CCCXXXVIII. **Centrality dependence of charged jet production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CCCXXXIX. **Differential studies of inclusive J/ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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- CCCXLIII. **Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV**
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- CCCXLIV. **Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $s_{NN} = 5.02$ TeV**
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- CCCXLV. **Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**
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- CCCXLVII. **$3\Delta H$ and $3\Delta H$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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- CCCXLVIII. **Measurement of electrons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CCCXLIX. **Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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- CCCLIV. **Azimuthal anisotropy of charged jet production in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb collisions**
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- CCCLV. **Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
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- CCCLVI. **Forward-central two-particle correlations in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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- CCCLVII. **Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s}=13$ TeV**
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- CCCLVIII. **Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**
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- CCCLIX. **Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider**
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- CCCLXIII. **One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $s_{NN} = 2.76$ TeV**
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- CCCLXXII. **Measurement of dijet k_T in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV**
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- CCCLXXIII. **Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
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- CCCLXXIV. **Elliptic flow of identified hadrons in Pb-Pb collisions at (Formula presented.) = 2.76 TeV**
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- CCCLXXX. **Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV**
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- CCCLXXXI. **Two-pion femtoscopy in p-Pb collisions at $s_{NN} = 5.02$ TeV**
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- CCCLXXXIII. **Multiplicity dependence of jet-like two-particle correlation structures in p-Pb collisions at $s_{NN}=5.02$ TeV**
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- :CLXXXIV. **Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s}=2.76\text{TeV}$**
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- CCLXXXV. **Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p-Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$**
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