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Araştırma Alanları

DeneySEL Yüksek Enerji Fiziği Çalışmaları, Parçacık Dedektörleri ve Kalorimetreler, DeneySEL Nötrino Çalışmaları, Atmosfer Nötrinoları, Kozmik Nötrinoları, Biyolojik ve tıbbi fizik, Elektronik, radyodalgaları ve mikrodalga teknolojileri, Fiziksel Kimya ve Kimyasal Fizik, Gazlar, Plazmalar ve Elektriksel Boşalmalar Fiziği, Gaz fiziği, Plazma fiziği, Nükleer yapı, Parçacık fiziği ve nükleer fizikte deneySEL yöntemler ve enstrümantasyon, Radyoaktif bozunum ve in-beam spektroskopisi

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **The upgrade of the ALICE TPC with GEMs and continuous readout**
Adolfsson J., Ahmed M., Aiola S., Alme J., Alt T., Amend W., Anastasopoulos F., Andrei C., Angelsmark M., Anguelov V., et al.
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- II. **Production of omega mesons in pp collisions at s=7 TeV**
Acharya S., Adamova D., Adler A., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., et al.
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- III. **Evaluation of high sensitivity flat-panel gaseous detectors of flames, sparks and smoke**
Abbrescia M., De Cataldo G., Di Mauro A., Martinengo P., Pastore C., Peskov V., Pietropaolo F., Volpe G., Rodionov A.
JOURNAL OF INSTRUMENTATION, cilt.15, sa.12, 2020 (SCI-Expanded)
- IV. **Multiplicity dependence of inclusive J/psi production at midrapidity in pp collisions at root s=13 TeV**
Acharya S., Adamova D., Adler A., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., et al.
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- V. **Dielectron production in proton-proton and proton-lead collisions at root s(NN)=5.02 TeV**
Acharya S., Adamova D., Adler A., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., et al.
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- VI. **Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions root S-NN=5.02 TeV**
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VII. **J/psi elliptic and triangular flow in Pb-Pb collisions at root s(NN)=5.02 TeV**

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

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

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

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XII. **Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC**

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

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XIII. **Upsilon production in p-Pb collisions at root s(NN)=8.16 TeV**

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XIV. **Measurement of the (anti-)He-3 elliptic flow in Pb-Pb collisions at root s(NN)=5.02TeV**

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- XX. **Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at root $s(NN)=5.02$ TeV**
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- XXIII. **Global polarization of Lambda and (Λ)over-bar hyperons in Pb-Pb collisions at root $s(NN)=2.76$ and 5.02 TeV**
Acharya S., Adamova D., Adhya S. P., Adler A., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., et al.
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- XXX. **Measurement of strange baryon-antibaryon interactions with femtoscopic correlations**
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- LXVI. **Higher moment fluctuations of identified particle distributions from ALICE**
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- LXVII. **Measurements of the chiral magnetic effect in Pb-Pb collisions with ALICE**
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- LXVIII. **Open heavy-flavour production and elliptic flow in p-Pb collisions at the LHC with ALICE**
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- LXIX. **Multiplicity dependence of light-flavor hadron production in pp collisions at root s=7 TeV**
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- LXXIII. **p-p, p-Lambda, and Lambda-Lambda correlations studied via femtoscopy in pp reactions at root s=7 TeV**
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- LXXVI. **Measurements of anisotropic flow and flow fluctuations in Xe-Xe and Pb-Pb collisions with ALICE**
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- LXXVII. **ALICE measurements of flow coefficients and their correlations in small (pp and p-Pb) and large (Xe-Xe and Pb-Pb) collision systems**
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- LXXXII. **ALICE results on system-size dependence of charged-particle multiplicity density in p-Pb, Pb-Pb and Xe-Xe collisions**
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- LXXXIII. **Quarkonium measurements in nucleus-nucleus collisions with ALICE**
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- XCI. **Multiplicity dependence of strangeness and hadronic resonance production in pp and p-Pb collisions with ALICE at the LHC**
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- XCVI. **Measurement of dielectron production in central Pb-Pb collisions at root S-NN=2.76 TeV**
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- XCIX. **Non-linear flow modes of identified particles in Pb-Pb collisions at root s(NN)=5.02 TeV with the ALICE detector**
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- CIII. **Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s(NN)}=5.44$ TeV**
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- CXVII. **Neutral pion and eta meson production in p-Pb collisions at root S-NN=5.02 TeV**
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- CXIX. **Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at root(NN)-N-s=5.02 and 2.76 TeV**
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- CXX. **Inclusive J/psi production at forward and backward rapidity in p-Pb collisions at root s(NN)=8.16 TeV**
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- CXXI. **phi meson production at forward rapidity in Pb-Pb collisions at root s(NN)=2.76 TeV**
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- CXXII. **Measurement of the inclusive J/psi polarization at forward rapidity in pp collisions at root s=8 TeV**
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- CXXIII. **Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at root s(NN)=2.76 TeV**
Acharya S., Adam J., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
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- CXXIV. **Prompt and non-prompt J/psi production and nuclear modification at mid-rapidity in p-Pb collisions at root s(NN)=5.02 TeV**
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- CXXV. **First measurement of Xi(0)(c) production in pp collisions at root s=7 TeV**
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- CXXVI. **Search for collectivity with azimuthal J/psi-hadron correlations in high multiplicity p-Pb collisions at ,root s(NN)=5.02 and 8.16 TeV**
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- CXXVII. **Measurement of Z(0)-boson production at large rapidities in Pb-Pb collisions at root s(NN)=5.02 TeV**
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- CXXVIII. **Lambda(+)(c) production in pp collisions at root s=7 TeV and in p-Pb collisions at root s(NN)=5.02 TeV**
Acharya S., Acosta F. T., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., et al.
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- CXXIX. **D-Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions root S-NN=5.02 TeV**
Acharya S., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., et al.
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- CXXX. **Production of He-4 and (4)<(He) over bar> in Pb-Pb collisions at root(NN)-N-S=2.76 TeV at the LHC**
Acharya S., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Ajo S., et al.
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- CXXXI. **pi(0) and eta meson production in proton-proton collisions at root s=8 TeV**
Acharya S., Adam J., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.78, sa.3, 2018 (SCI-Expanded)
- CXXXII. **Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at root s(NN)=2.76 TeV**
Acharya S., Adam J., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
PHYSICS LETTERS B, cilt.777, ss.151-162, 2018 (SCI-Expanded)

- CXXXIII. **Production of deuterons, tritons, He-3 nuclei, and their antinuclei in pp collisions at root s=0.9, 2.76, and 7 TeV**
Acharya S., Adam J., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
PHYSICAL REVIEW C, cilt.97, sa.2, 2018 (SCI-Expanded)
- CXXXIV. **The ALICE Transition Radiation Detector: Construction, operation, and performance**
Acharya S., Adam J., Adamova D., Adler C., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., et al.
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- CXXXV. **Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at root s(NN)=2.76 TeV**
Acharya S., Adam J., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
PHYSICAL REVIEW C, cilt.97, sa.2, 2018 (SCI-Expanded)
- CXXXVI. **First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC**
Acharya S., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., Aiola S., et al.
PHYSICS LETTERS B, cilt.776, ss.249-264, 2018 (SCI-Expanded)
- CXXXVII. **J/psi production as a function of charged-particle pseudorapidity density in p-Pb collisions at root s(NN)=5.02 TeV**
Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., Aiola S., Akindinov A., et al.
PHYSICS LETTERS B, cilt.776, ss.91-104, 2018 (SCI-Expanded)
- CXXXVIII. **Kaon femtoscopy in Pb-Pb collisions at root s(NN)=2.76 TeV**
Acharya S., Adam J., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., et al.
PHYSICAL REVIEW C, cilt.96, sa.6, 2017 (SCI-Expanded)
- CXXXIX. **J/psi Elliptic Flow in Pb-Pb Collisions at root s(NN)=5.02 TeV**
Acharya S., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., et al.
PHYSICAL REVIEW LETTERS, cilt.119, sa.24, 2017 (SCI-Expanded)
- CXL. **Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at root s=0.9, 7, and 8 TeV**
Acharya S., Adamova D., Adolfsson J., Aggarwal M. M., Aglieri Rinella G., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.12, 2017 (SCI-Expanded)
- CXLI. **Measuring (KSK +/-)-K-0 interactions using Pb-Pb collisions at root S-NN=2.76 TeV**
Acharya S., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., et al.
PHYSICS LETTERS B, cilt.774, ss.64-77, 2017 (SCI-Expanded)
- CXLII. **Linear and non-linear flow mode in Pb-Pb collisions at root sNN=2.76 TeV**
Acharya S., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., et al.
PHYSICS LETTERS B, cilt.773, ss.68-80, 2017 (SCI-Expanded)
- CXLIII. **Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at root s(NN)=2.76 TeV at the LHC**
Acharya S., Adamova D., Adolfsson J., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.10, 2017 (SCI-Expanded)
- CXLIV. **Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb**

collisions at root $s(NN)=5.02$ TeV

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

PHYSICS LETTERS B, cilt.772, ss.567-577, 2017 (SCI-Expanded)

CXLV. Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at root $s(NN)=2.76$ TeV

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

PHYSICAL REVIEW C, cilt.96, sa.3, 2017 (SCI-Expanded)

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

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

JOURNAL OF HIGH ENERGY PHYSICS, cilt.2017, sa.9, 2017 (SCI-Expanded)

CXLVII. Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at root $S-NN=2.76$ TeV

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

PHYSICAL REVIEW LETTERS, cilt.119, sa.10, 2017 (SCI-Expanded)

CXLVIII. Measurement of D-meson production at mid-rapidity in pp collisions at root $s=7$ TeV

Acharya S., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., Aiola S., et al.

EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.8, 2017 (SCI-Expanded)

CXLIX. Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at root $s=7$ TeV

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

EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.8, 2017 (SCI-Expanded)

CL. Measurement of the production of high-p(T) electrons from heavy-flavour hadron decays in Pb-Pb collisions at root $s(NN)=2.76$ TeV

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

PHYSICS LETTERS B, cilt.771, ss.467-481, 2017 (SCI-Expanded)

CLI. Measurement of electrons from beauty-hadron decays in p-Pb collisions at root $(NN)-N-S=5.02$ TeV and Pb-Pb collisions at. root $(NN)-N-S=2.76$ TeV

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

JOURNAL OF HIGH ENERGY PHYSICS, cilt.2017, sa.7, 2017 (SCI-Expanded)

CLII. Production of muons from heavy-flavour hadron decays in p-Pb collisions at root $s(NN)=5.02$ TeV

Acharya S., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., Aiola S., et al.

PHYSICS LETTERS B, cilt.770, ss.459-472, 2017 (SCI-Expanded)

CLIII. Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at root $s(NN)=2.76$ TeV

Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., Akhmedov A., et al.

PHYSICAL REVIEW LETTERS, cilt.118, sa.22, 2017 (SCI-Expanded)

CLIV. Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions

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

NATURE PHYSICS, cilt.13, sa.6, ss.535-539, 2017 (SCI-Expanded)

CLV. Production of $\Sigma(1385)(+/-)$ and $\Xi(1530)(0)$ in p-Pb collisions at root $s(NN)=5.02$ TeV

Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.

Akindinov A., et al.

EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.6, 2017 (SCI-Expanded)

- CLVI. **Energy dependence of forward-rapidity J/psi and psi (2S) production in pp collisions at the LHC**
Acharya S., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., Aiola S., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.6, 2017 (SCI-Expanded)
- CLVII. **K*(892)(0) and phi(1020)meson production at high transverse momentum in pp and Pb-Pb collisions at root sNN=2.76 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
PHYSICAL REVIEW C, cilt.95, sa.6, 2017 (SCI-Expanded)
- CLVIII. **phi-Meson production at forward rapidity in p-Pb collisions at root s(NN)=5.02 TeV and in pp collisions at root s=2.76 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aimo I., Aiola S., et al.
PHYSICS LETTERS B, cilt.768, ss.203-217, 2017 (SCI-Expanded)
- CLIX. **Production of pi(0) and eta mesons up to high transverse momentum in pp collisions at 2.76 TeV**
Acharya S., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad N., Ahn S. U., Aiola S., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.5, 2017 (SCI-Expanded)
- CLX. **Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at root s=7 TeV and p-Pb collisions at root(NN)-N-s=5.02 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.4, 2017 (SCI-Expanded)
- CLXI. **Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
PHYSICAL REVIEW LETTERS, cilt.118, sa.16, 2017 (SCI-Expanded)
- CLXII. **J/Psi suppression at forward rapidity in Pb-Pb collisions at root s(NN)=5.02 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
PHYSICS LETTERS B, cilt.766, ss.212-224, 2017 (SCI-Expanded)
- CLXIII. **W and Z boson production in p-Pb collisions at TeV root s(NN)=5.02 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
JOURNAL OF HIGH ENERGY PHYSICS, cilt.2017, sa.2, 2017 (SCI-Expanded)
- CLXIV. **Determination of the event collision time with the ALICE detector at the LHC**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
EUROPEAN PHYSICAL JOURNAL PLUS, cilt.132, sa.2, 2017 (SCI-Expanded)
- CLXV. **Charged-particle multiplicities in proton-proton collisions at root s=0.9 to 8 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S. U., Aiola S., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.77, sa.1, 2017 (SCI-Expanded)
- CLXVI. **Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
PHYSICS LETTERS B, cilt.763, ss.238-250, 2016 (SCI-Expanded)
- CLXVII. **Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at root**

$s(\text{NN})=2.76$ TeV

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

PHYSICS LETTERS B, cilt.762, ss.376-388, 2016 (SCI-Expanded)

CLXVIII. D-meson production in p-Pb collisions at root $S\text{-NN}=5.02$ TeV and in pp collisions at root $S=7$ TeV

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

PHYSICAL REVIEW C, cilt.94, sa.5, 2016 (SCI-Expanded)

CLXIX. Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at root $S\text{-NN}=2.76$ TeV

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

PHYSICAL REVIEW LETTERS, cilt.117, sa.18, 2016 (SCI-Expanded)

CLXX. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions root $S\text{-NN}=5.02$ TeV

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

PHYSICS LETTERS B, cilt.760, ss.720-735, 2016 (SCI-Expanded)

CLXXI. Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at root $s\text{NN}=2.76$ TeV

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

JOURNAL OF HIGH ENERGY PHYSICS, cilt.2016, sa.9, 2016 (SCI-Expanded)

CLXXII. Measurement of transverse energy at midrapidity in Pb-Pb collisions at root $s(\text{NN})=2.76$ TeV

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

PHYSICAL REVIEW C, cilt.94, sa.3, 2016 (SCI-Expanded)

CLXXIII. Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at root $s(\text{NN})=2.76$ TeV

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

JOURNAL OF HIGH ENERGY PHYSICS, cilt.2016, sa.9, 2016 (SCI-Expanded)

CLXXIV. Measurement of D-meson production versus multiplicity in p-Pb collisions at root $s(\text{NN})=5.02$ TeV

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

JOURNAL OF HIGH ENERGY PHYSICS, cilt.2016, sa.8, 2016 (SCI-Expanded)

CLXXV. Multi-strange baryon production in p-Pb collisions at root $(\text{NN})\text{-N-S}=5.02$ TeV

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

PHYSICS LETTERS B, cilt.758, ss.389-401, 2016 (SCI-Expanded)

CLXXVI. Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at root $(\text{NN})\text{-N-S}=5.02$ TeV

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

PHYSICAL REVIEW LETTERS, cilt.116, sa.22, 2016 (SCI-Expanded)

CLXXVII. Centrality dependence of $(\text{sic})(2S)$ suppression in p-Pb collisions at root $s(\text{NN})=5.02$ TeV

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

JOURNAL OF HIGH ENERGY PHYSICS, cilt.2016, sa.6, ss.1-23, 2016 (SCI-Expanded)

CLXXVIII. Measurement of an Excess in the Yield of J/psi at Very Low $p(T)$ in Pb-Pb Collisions at root $s(\text{NN})=2.76$ TeV

Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S.,

- Akindinov A., et al.
PHYSICAL REVIEW LETTERS, cilt.116, sa.22, 2016 (SCI-Expanded)
- CLXXXIX. **Multipion Bose-Einstein correlations in pp, p-Pb, and Pb-Pb collisions at energies available at the CERN Large Hadron Collider**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
PHYSICAL REVIEW C, cilt.93, sa.5, 2016 (SCI-Expanded)
- CLXXX. **Differential studies of inclusive J/psi and psi (2S) production at forward rapidity in Pb-Pb collisions at root s(NN)=2.76 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aimo I., Aiola S., et al.
JOURNAL OF HIGH ENERGY PHYSICS, cilt.2016, sa.5, 2016 (SCI-Expanded)
- CLXXXI. **Centrality dependence of charged jet production in p-Pb collisions at root(NN)-N-S=5.02 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.76, sa.5, 2016 (SCI-Expanded)
- CLXXXII. **Particle identification in ALICE: a Bayesian approach**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
EUROPEAN PHYSICAL JOURNAL PLUS, cilt.131, sa.5, 2016 (SCI-Expanded)
- CLXXXIII. **Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at root S-NN=2.76 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
PHYSICAL REVIEW C, cilt.93, sa.4, 2016 (SCI-Expanded)
- CLXXXIV. **Inclusive quarkonium production at forward rapidity in pp collisions at root s=8 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.76, sa.4, 2016 (SCI-Expanded)
- CLXXXV. **Anisotropic Flow of Charged Particles in Pb-Pb Collisions at root S-NN=5.02 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
PHYSICAL REVIEW LETTERS, cilt.116, sa.13, 2016 (SCI-Expanded)
- CLXXXVI. **Production of K*(892)(0) and phi(1020) in p-Pb collisions at root s(NN)=5.02 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmad S., Ahn S. U., Aiola S., et al.
EUROPEAN PHYSICAL JOURNAL C, cilt.76, sa.5, 2016 (SCI-Expanded)
- CLXXXVII. **Direct photon production in Pb-Pb collisions at root s(NN)=2.76 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
PHYSICS LETTERS B, cilt.754, ss.235-248, 2016 (SCI-Expanded)
- .LXXXVIII. **Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at root(NN)-N-S=2.76 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aimo I., Aiola S., et al.
PHYSICAL REVIEW C, cilt.93, sa.3, 2016 (SCI-Expanded)
- CLXXXIX. **(3)(Lambda)Hand (3)((Lambda)over-bar)(H)over-bar production in Pb-Pb collisions at root s(NN)=2.76 TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aimo I., Aiola S., et al.
PHYSICS LETTERS B, cilt.754, ss.360-372, 2016 (SCI-Expanded)

- CXC. Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at root $s(NN)=2.76\text{TeV}$**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
PHYSICS LETTERS B, cilt.754, ss.373-385, 2016 (SCI-Expanded)
- CXCI. Transverse momentum dependence of D-meson production in Pb-Pb collisions at root $S\text{-}NN=2.76\text{TeV}$**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
JOURNAL OF HIGH ENERGY PHYSICS, cilt.2016, sa.3, 2016 (SCI-Expanded)
- CXCII. Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at root $s(NN)=2.76\text{TeV}$**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aimo I., Aiola S., et al.
PHYSICAL REVIEW C, cilt.93, sa.3, 2016 (SCI-Expanded)
- CXCIII. Measurement of electrons from heavy-flavour hadron decays in p-Pb collisions at root $s(NN)=5.02\text{TeV}$**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
PHYSICS LETTERS B, cilt.754, ss.81-93, 2016 (SCI-Expanded)
- CXCIV. Measurement of D-s(+) production and nuclear modification factor in Pb-Pb collisions at root $S\text{-}NN=2.76\text{TeV}$**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
JOURNAL OF HIGH ENERGY PHYSICS, cilt.2016, sa.3, 2016 (SCI-Expanded)
- CXCV. Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at root $s(NN)=2.76\text{TeV}$**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
PHYSICS LETTERS B, cilt.753, ss.41-56, 2016 (SCI-Expanded)
- CXCVI. Forward-central two-particle correlations in p-Pb collisions at root $s(NN)=5.02\text{TeV}$**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aimo I., Aiola S., et al.
PHYSICS LETTERS B, cilt.753, ss.126-139, 2016 (SCI-Expanded)
- CXCVII. Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahmed I., Ahn S. U., Aimo I., et al.
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- CXCVIII. Azimuthal anisotropy of charged jet production in root $s(NN)=2.76\text{TeV}$ Pb-Pb collisions**
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- CXCIX. Centrality dependence of pion freeze-out radii in Pb-Pb collisions at root $s(NN)=2.76\text{TeV}$**
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- CCI. **Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s}=13$ TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
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- CCII. **Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aiola S., Akindinov A., et al.
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- CCIII. **Search for weakly decaying (Λ_n) $\bar{}$ and Λ_n exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
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- CCIV. **Coherent $\psi(2S)$ photo-production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agrawal N., Ahammed Z., Ahn S. U., Aimo I., Aiola S., et al.
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- CCX. **Coherent $\rho(0)$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
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- CCXI. **Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV**
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- CCXII. **Measurement of charm and beauty production at central rapidity versus charged-particle**

multiplicity in proton-proton collisions at root s=7 TeV

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

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CCXIII. Inclusive, prompt and non-prompt J/psi production at mid-rapidity in Pb-Pb collisions at root s-NN=2.76 TeV

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

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CCXIV. Elliptic flow of identified hadrons in Pb-Pb collisions at root(NN)-N-s=2.76 Tev

Abelev B., Adam J., Adamova D., Aggarwal M. M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.

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CCXV. Rapidity and transverse-momentum dependence of the inclusive J/psi nuclear modification factor in p-Pb collisions at root s(NN)=5.02 TeV

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

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CCXVI. Measurement of jet suppression in central Pb-Pb collisions at root s(NN)=2.76 TeV

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

PHYSICS LETTERS B, cilt.746, ss.1-14, 2015 (SCI-Expanded)

CCXVII. Centrality dependence of particle production in p-Pb collisions at root s(NN)=5.02 TeV

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

PHYSICAL REVIEW C, cilt.91, sa.6, 2015 (SCI-Expanded)

CCXVIII. Measurement of dijet k(T) in p-Pb collisions at root s(NN)=5.02 TeV

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

PHYSICS LETTERS B, cilt.746, ss.385-395, 2015 (SCI-Expanded)

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

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

PHYSICAL REVIEW D, cilt.91, sa.11, 2015 (SCI-Expanded)

CCXX. Forward-backward multiplicity correlations in pp collisions at root s=0.9, 2.76 and 7 TeV

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

JOURNAL OF HIGH ENERGY PHYSICS, cilt.2015, sa.5, 2015 (SCI-Expanded)

CCXXI. Measurement of pion, kaon and proton production in proton-proton collisions at root s=7 TeV

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

EUROPEAN PHYSICAL JOURNAL C, cilt.75, sa.5, 2015 (SCI-Expanded)

CCXXII. Inclusive photon production at forward rapidities in proton-proton collisions at root s=0.9, 2.76 and 7 TeV

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

EUROPEAN PHYSICAL JOURNAL C, cilt.75, sa.4, 2015 (SCI-Expanded)

CCXXIII. Two-pion femtoscopy in p-Pb collisions at root(NN)-N-S=5.02 TeV

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

PHYSICAL REVIEW C, cilt.91, sa.3, 2015 (SCI-Expanded)

- CCXXIV. **K*(892)(0) and phi(1020) production in Pb-Pb collisions at root s(NN)=2.76 TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Masoodi A. A., et al.
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- CCXXV. **Multiplicity dependence of jet-like two-particle correlation structures in p-Pb collisions at root s(NN)=5.02 TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
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- CCXXVI. **Production of inclusive upsilon(1S) and upsilon(2S) in p-Pb collisions at, root S-NN=5.02 TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
PHYSICS LETTERS B, cilt.740, ss.105-117, 2015 (SCI-Expanded)
- CCXXVII. **Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at root s=2.76 TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
PHYSICAL REVIEW D, cilt.91, sa.1, 2015 (SCI-Expanded)
- CCXXVIII. **Production of Sigma (1385)(+/-) and Xi (1530)(0) in proton-proton collisions at root s=7 TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
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- CCXXIX. **Freeze-out radii extracted from three-pion cumulants in pp, p-Pb and Pb-Pb collisions at the LHC**
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- CCXXX. **Measurement of Prompt D-Meson Production in p-Pb Collisions at root s(NN)=5.02 TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Rinella G. A., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., et al.
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- CCXXXI. **Exclusive J/psi Photoproduction off Protons in Ultraperipheral p-Pb Collisions at root s(NN)=5.02 TeV**
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- CCXXXII. **R&D on high momentum particle identification with a pressurized Cherenkov radiator**
Agocs A. G., Barile F., Barnafoeldi G. G., Bellwied R., Bencedi G., Bencze G., Berenyi D., Boldizsar L., Chattopadhyay S., Chinellato D. D., et al.
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- CCXXXIII. **VHMPID RICH prototype using pressurized C4F80 radiator gas and VUV photon detector**
Acconcia T. V., Agocs A. G., Barile F., Barnafoeldi G. G., Bellwied R., Bencedi G., Bencze G., Berenyi D., Boldizsar L., Chattopadhyay S., et al.
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- CCXXXIV. **Measurement of visible cross sections in proton-lead collisions at root s(NN)=5.02 TeV in van der Meer scans with the ALICE detector**
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PHYSICAL REVIEW C, cilt.90, sa.5, 2014 (SCI-Expanded)
- CCXXXVI. **Demonstration of new possibilities of multilayer technology on resistive microstrip/microdot detectors**
Cairo V., de Oliveira R., Fonte P., Franchino S., Peskov V., Picchi P., Pietropaolo F.
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- CCXXXVII. **Beauty production in pp collisions at root s=2.76 TeV measured via semi-electronic decays**
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- CCXXXVIII. **Neutral pion production at midrapidity in pp and Pb-Pb collisions at root(NN)-N-S=2.76 TeV**
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- CCXXXIX. **Event-by-event mean p(T) fluctuations in pp and Pb-Pb collisions at the LHC**
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- CCXL. **Azimuthal anisotropy of D-meson production in Pb-Pb collisions at root s(NN)=2.76 TeV**
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- CCXLI. **Transverse momentum dependence of inclusive primary charged-particle production in p-Pb collisions at root S-NN=5.02 TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
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- CCXLII. **Upgrade of the ALICE Experiment Letter Of Intent**
Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.
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- CCXLIII. **Measurement of quarkonium production at forward rapidity in collisions at TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Masoodi A. A., et al.
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- CCXLIV. **A very high momentum particle identification detector**
Acconcia T. V., Agocs A. G., Barile F., Barnafoeldi G. G., Bellwied R., Bencedi G., Bencze G., Berenyi D., Boldizsar L., Chattopadhyay S., et al.
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- CCXLV. **Suppression of psi(2S) production in p-Pb collisions at root sNN=5.02 TeV**
Abelev B., Adam J., Adamova D., Aggarwal M. M., Agnello M., Agostinelli A., Agrawal N., Ahammed Z., Ahmad N., Ahmed I., et al.
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- CCXLVI. **Development of a new generation of micropattern gaseous detectors for high energy physics, astrophysics and environmental applications**
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- CCXLVII. **R&D studies of a RICH detector using pressurized C4F8O radiator gas and a CsI-based gaseous photon detector**

Agocs A. G., Barile F., Barnafoeldi G. G., Bellwied R., Bencedi G., Bencze G., Berenyi D., Boldizsar L., Chattopadhyay S., Chinellato D. D., et al.

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CCXLVIII. **Centrality dependence of pi, K, and p production in Pb-Pb collisions at root s(NN)=2.76 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.

PHYSICAL REVIEW C, cilt.88, sa.4, 2013 (SCI-Expanded)

CCXLIX. **Centrality determination of Pb-Pb collisions at root s(NN)=2.76 TeV with ALICE**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.

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CCL. **Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.

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CCLI. **Charge correlations using the balance function in Pb-Pb collisions at root s(NN)=2.76 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.

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CCLII. **Measurement of the inclusive differential jet cross section in pp collisions at root s=2.76 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.

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CCLIII. **Measurement of electrons from beauty hadron decays in pp collisions at root s=7 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Salazar S. A., Ahammed Z., et al.

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CCLIV. **Net-Charge Fluctuations in Pb-Pb Collisions at root s(NN)=2.76 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.

PHYSICAL REVIEW LETTERS, cilt.110, sa.15, 2013 (SCI-Expanded)

CCLV. **Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at root s(NN)=2.76 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.

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CCLVI. **Charged kaon femtoscopic correlations in pp collisions at root s=7 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.

PHYSICAL REVIEW D, cilt.87, sa.5, 2013 (SCI-Expanded)

CCLVII. **Long-range angular correlations on the near and away side in p-Pb collisions at root S-NN=5.02 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.

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CCLVIII. **Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at root S-NN=2.76 TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.

PHYSICS LETTERS B, cilt.719, sa.1-3, ss.18-28, 2013 (SCI-Expanded)

- CCLIX. **Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in p plus Pb Collisions at $\sqrt{s}=5.02$ TeV**
 Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.
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- CCLX. **Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s}(NN)=2.76$ TeV**
 Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Salazar S. A., Ahammed Z., et al.
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- CCLXI. **Pseudorapidity Density of Charged Particles in p plus Pb Collisions at $\sqrt{s}(NN)=5.02$ TeV**
 Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Ahammed Z., et al.
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- CCLXII. **Coherent J/psi photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s}(NN)=2.76$ TeV**
 Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agnello M., Agocs A. G., Agostinelli A., Aguilar Salazar S., et al.
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- CCLXIII. **Development and preliminary tests of resistive microdot and microstrip detectors**
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- CCLXIV. **Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s}=7$ TeV**
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- CCLXV. **D-S(+) meson production at central rapidity in proton-proton collisions at $\sqrt{s}=7$ TeV**
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- CCLXVI. **Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s}(NN)=2.76$ TeV**
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- CCLXVII. **First observation of Cherenkov rings with a large area CsI-TGEM-based RICH prototype**
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- CCLXIX. **Inclusive J/psi production in pp collisions at $\sqrt{s}=2.76$ TeV**
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- CCLXX. **(KsKs0)-K-0 correlations in pp collisions at $\sqrt{s}=7$ TeV from the LHC ALICE experiment**
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- CCLXXI. **Neutral pion and eta meson production in proton-proton collisions at $\sqrt{s}=0.9$ TeV and $\sqrt{s}=7$**

TeV

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CCLXXII. **Production of $K^*(892)(0)$ and $\phi(1020)$ in pp collisions at $\sqrt{s}=7$ TeV**

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CCLXXIII. **Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s(NN)}=2.76$ TeV**

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CCLXXIV. **Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s}=0.9, 2.76$ and 7 TeV**

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EUROPEAN PHYSICAL JOURNAL C, cilt.72, sa.9, 2012 (SCI-Expanded)

CCLXXV. **Production of Muons from Heavy Flavor Decays at Forward Rapidity in pp and Pb-Pb Collisions at $\sqrt{s(NN)}=2.76$ TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.

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CCLXXVI. **Measurement of charm production at central rapidity in proton-proton collisions at square $s = 2.76$ TeV**

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CCLXXVII. **J/psi Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s(NN)}=2.76$ TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.

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CCLXXVIII. **Underlying Event measurements in pp collisions at $\sqrt{s}=0.9$ and 7 TeV with the ALICE experiment at the LHC**

Abelev B., Abrahantes Quintana A., Adamova D., Adare A. M., Aggarwal M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.

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CCLXXIX. **J/psi production as a function of charged particle multiplicity in pp collisions at $\sqrt{s}=7$ TeV**

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CCLXXX. **Multi-strange baryon production in pp collisions at $\sqrt{s}=7$ TeV with ALICE**

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CCLXXXI. **Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s(NN)}=2.76$ TeV**

Abelev B., Adam J., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.

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CCLXXXII. **Light vector meson production in pp collisions at $\sqrt{s}=7$ TeV ALICE Collaboration**

- Abelev B., Abrahantes Quintana A., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Agostinelli A., Aguilar Salazar S., Ahammed Z., et al.
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- :CLXXXIII. **Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at root $s_{NN}=2.76$ TeV**
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- :CLXXXIV. **Measurement of charm production at central rapidity in proton-proton collisions at root $s=7$ TeV**
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- CCLXXXV. **Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at root $s_{NN}=2.76$ TeV**
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- :CLXXXVI. **Comparative Analysis of the Behavioral and Biomolecular Parameters of Four Mouse Strains**
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- CLXXXVII. **J/psi Polarization in pp Collisions at root $s=7$ TeV**
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- :LXXXVIII. **Heavy flavour decay muon production at forward rapidity in proton-proton collisions at root $s=7$ TeV**
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- :CLXXXIX. **Advances in the development of micropattern gaseous detectors with resistive electrodes**
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- CCXC. **Measurement of prompt J/psi and beauty hadron production cross sections at mid-rapidity in pp collisions at root $s=7$ TeV**
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- CCXCI. **Development of novel designs of spark-protected micropattern gaseous detectors with resistive electrodes**
Peskov V., Martinengo P., Nappi E., Oliveira R., Pietropaolo P., Picchi P.
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- CCXCII. **Femtoscopia of pp collisions at root $s=0.9$ and 7 TeV at the LHC with two-pion Bose-Einstein correlations**
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- CCXCIII. **Rapidity and transverse momentum dependence of inclusive J/psi production in pp collisions at root $s=7$ TeV**
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- PHYSICS LETTERS B, cilt.704, sa.5, ss.442-455, 2011 (SCI-Expanded)
- CCXCIV. **Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s(NN)}=2.76$ TeV**
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- CCXCV. **R&D results on a CsI-coated triple thick GEM-based photodetector**
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- CCXCVI. **CsI-THGEM gaseous photomultipliers for RICH and noble-liquid detectors**
Breskin A., Peskov V., Cortesi M., Budnik R., Chechik R., Duval S., Thers D., Coimbra A. E. C., dos Santos J. M. F., Lopes J. A. M., et al.
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- CCXCVII. **The VHMPID RICH upgrade project for ALICE at LHC**
Di Mauro A., Agocs A., Alfaro R., Barnafoldi G. G., Bencze G., Boldizsar L., Cuautle E., DeCataldo G., Denes E., DiBari D., et al.
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- CCXCVIII. **Strange particle production in proton-proton collisions at $\sqrt{s}=0.9$ TeV with ALICE at the LHC**
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- CCXCIX. **Results from prototypes of environmental and health alarm devices based on gaseous detectors operating in air in counting mode**
Charpak G., Benaben P., Breuil P., Martinengo P., Nappi E., Peskov V.
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- CCC. **Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s(NN)}=2.76$ TeV**
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- CCCI. **Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s(NN)}=2.76$ TeV**
Aamodt K, Abrahantes Quintana A., Adamova D., Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Aguilar Salazar S., Ahammed Z., Ahmad N., et al.
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- CCCII. **Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s(NN)}=2.76$ TeV**
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- CCCIII. **Very high momentum particle identification at the LHC**
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- CCCIV. **First Tests of MICROMEAS and GEM-Like Detectors Made of a Resistive Mesh**
Oliveira R., Peskov V., Pietropaolo F., Picchi P.
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- CCCV. **Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s(NN)}=2.76$**

TeV

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CCCVI. **Elliptic Flow of Charged Particles in Pb-Pb Collisions at root s(NN)=2.76 TeV**

Aamodt K, Abelev B, Abrahantes Quintana A, Adamova D, Adare A. M., Aggarwal M. M., Rinella G. A., Agocs A. G., Aguilar Salazar S., Ahammed Z., et al.

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CCCVII. **Further evaluation of a THGEM UV-photon detector for RICH - comparison with MWPC**

Peskov V., Cortesi M., Chechik R., Breskin A.

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CCCVIII. **The THGEM: A thick robust gaseous electron multiplier for radiation detectors**

Breskin A., Cortesi M., Alon R., Miyamoto J., Peskov V., Bartesaghi G., Chechik R., Dangendorf V., Maia J. M., dos Santos J. M. F.

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CCCIX. **Two-pion Bose-Einstein correlations in pp collisions at root s=900 GeV**

Aamodt K, Abel N., Abeysekara U., Quintana A. A., Abramyan A., Adamova D., Aggarwal M. M., Rinella G. A., Agocs A. G., Salazar S. A., et al.

PHYSICAL REVIEW D, cilt.82, sa.5, 2010 (SCI-Expanded)

CCCX. **Transverse momentum spectra of charged particles in proton-proton collisions at root s=900 GeV with ALICE at the LHC**

Aamodt K, Abel N., Abeysekara U., Abrahantes Quintana A., Abramyan A., Adamova D., Aggarwal M. M., Rinella G. A., Agocs A. G., Aguilar Salazar S., et al.

PHYSICS LETTERS B, cilt.693, sa.2, ss.53-68, 2010 (SCI-Expanded)

CCCXI. **Midrapidity Antiproton-to-Proton Ratio in pp Collisions root s=0.9 and 7 TeV Measured by the ALICE Experiment**

Aamodt K, Abel N., Abeysekara U., Quintana A. A., Abramyan A., Adamova D., Aggarwal M. M., Rinella G. A., Agocs A. G., Salazar S. A., et al.

PHYSICAL REVIEW LETTERS, cilt.105, sa.7, 2010 (SCI-Expanded)

CCCXII. **Charged-particle multiplicity measurement in proton-proton collisions at root s=7 TeV with ALICE at LHC**

Aamodt K, Abel N., Abeysekara U., Abrahantes Quintana A., Abramyan A., Adamova D., Aggarwal M. M., Aglieri Rinella G., Agocs A. G., Aguilar Salazar S., et al.

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CCCXIII. **Charged-particle multiplicity measurement in proton-proton collisions at root s=0.9 and 2.36 TeV with ALICE at LHC**

Aamodt K, Abel N., Abeysekara U., Quintana A. A., Abramyan A., Adamova D., Aggarwal M. M., Rinella G. A., Agocs A. G., Salazar S. A., et al.

EUROPEAN PHYSICAL JOURNAL C, cilt.68, sa.1-2, ss.89-108, 2010 (SCI-Expanded)

CCCXIV. **Gain limits of a Thick GEM in high-purity Ne, Ar and Xe**

Miyamoto J., Breskin A., Peskov V.

JOURNAL OF INSTRUMENTATION, cilt.5, 2010 (SCI-Expanded)

CCCXV. **Alignment of the ALICE Inner Tracking System with cosmic-ray tracks**

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CCCXVI. **First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at root s=900 GeV**

Aamodt K, Abel N., Abeysekara U., Abrahantes Quintana A., Acero A., Adamova D., Aggarwal M. M., Rinella G. A., Agocs A. G., Aguilar Salazar S., et al.

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- CCCXVII. **Towards THGEM UV-photon detectors for RICH: on single-photon detection efficiency in Ne/CH₄ and Ne/CF₄**
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- CCCXVIII. **Progress in the development of a S-RETGEM-based detector for an early forest fire warning system**
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- CCCXIX. **Progress in the development of photosensitive GEMs with resistive electrodes manufactured by a screen printing technology**
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- CCCXXI. **A new generation of GEM detectors and their applications**
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- CCCXXII. **GEMs With Double Layered Micropattern Electrodes and Their Applications**
Di Mauro A., Martinengo P., Nappi E., Oliveira R., Peskov V., Pietropaolo F., Picchi P.
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- CCCXXIII. **Progress in developing hybrid RPC: GEM-like detectors with resistive electrodes**
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- CCCXXIV. **The ALICE experiment at the CERN LHC**
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- CCCXXVI. **Detectors for alpha particles and X-rays operating in ambient air in pulse counting mode or/and with gas amplification**
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- CCCXXVII. **Developments and the preliminary tests of resistive GEMs manufactured by a screen printing technology**
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- CCCXXVIII. **The current progress of the ALICE ring Imaging Cherenkov detector**
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- CCCXXIX. **Development and first tests of GEM-Like detectors with resistive electrodes**
Peskov V., Baibussinov B., Centro S., Di Mauro A., Lund-Jensen B., Martinengo P., Nappi E., Oliveira R., Pietropaolo F.,

- Picchi P., et al.
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- CCCXXX. **Development of innovative micro-pattern gaseous detectors with resistive electrodes and first results of their applications**
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