

Приложение 1

Директору ОИЯИ

академику РАН Г.В.Трубникову

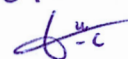
от Ивон Алисия Мальдонадо Сервантес.
(ФИО, должность, сектор, отдел,

ис Сектор №2 НЭОФСТИ Отделение №3 ЛФВЭ
отделение, лаборатория)

ЗАЯВЛЕНИЕ

Прошу Вас допустить меня к участию в выборах на замещение вакантной должности
научного сотрудника, Сектор №2, НЭОФСТИ на НИКА, Отделение №3 ЛФВЭ.
(название должности, сектора, отдела, отделения, лаборатории)

Личная подпись, дата

13.01.2023


Научная биография (Curriculum Vitae)

научный сотрудник, Отделение №3 Физики адронов, Научно-экспериментальный отдел
физики столкновений тяжелых ионов на комплексе NICA, ЛФВЭ
(название занимаемой должности, отдела, сектора, отделения, лаборатории)

Мальдонадо Сервантес ивон Алисия

(Ф.И.О.)

- * ФИО; Мальдонадо Сервантес Ивон Алисия
- * Дата и место рождения; 24 июня 1982, Мехико, Мексика.
- * Образование, научные степени, звание; к. ф.-м. н.
- * Профессиональная научная деятельность (по годам); указать темы по Проблемно-тематическому плану ОИЯИ, в которых Вы участвуете;
02-0-1065-2007/2023
Integrate and develop the MPD framework for physics analysis and prepare associated documentation.
Continue with the development of the core-corona phenomenological model and its effect on variables such as polarization and the reliability of implementing it in the framework of the MPD experiment.
Publish results in high impact journals and present the progress of the research on behalf of the collaboration in different events.
Continue with scientific guide of graduate students enrolled in a Mexican institute, whose projects are focused on experimental physics of MPD.
- * Научные интересы;
Study and data analysis in high energy physics within the MPD experiment. Study polarization of hyperons produced in heavy ion collisions at NICA energies.
- * Научные труды (указать общее количество научных работ, изобретений);
189 scientific publications
- * Премии и награды;
- * Контактные данные (раб.тел.; e-mail-адрес)
тел. 6-29-17, e-mail: maldonado@jinr.ru

Личная подпись и дата

13.01.2023



Conferences and Workshops

2022	<p>XVIII Mexican Workshop on Particles and Fields Core Corona Model: A tool to study hyperon global polarization using the Multi Purpose Detector at NICA energies</p>	Talk
2022	<p>X Collaboration Meeting of the MPD Experiment at the NICA Facility Framework for MPD data analysis</p>	Talk
2022	<p>European Nuclear Physics Conference 2022 (EuNPC 2022) The road to first physics with the MPD at NICA</p>	Talk
2022	<p>XXXVI Annual Meeting of the Division of Particles and Fields Core Corona approach, a model to explain Hyperon Global Polarization and other phenomena in semi-central heavy-ion collisions at low energies.</p>	Plenary Talk
2022	<p>4th Computing/Analysis Workshop of the MexNICA Collaboration Lambda Production at NICA Energies</p>	Talk
2022	<p>Seminario GAE CINVESTAV Polarización global de Λ y $\bar{\Lambda}$ en colisiones de Iones Pesados a energías de HADES, NICA y RHIC con el modelo Core-Corona</p>	Seminar
2021	<p>Seminario del Departamento de Física de Altas Energías del Instituto de Ciencias Nucleares de la UNAM Collisions at HADES, NICA and RHIC energies from the Core-Corona model</p>	Conference
2021	<p>6to Congreso Internacional de Física, Matemáticas y Electrónica de la UAS Polarización global de hiperones en colisiones de iones pesados</p>	Conference
2021	<p>VIII-th Collaboration Meeting of the MPD Experiment at the NICA Facility The Rise and fall of Λ and $\bar{\Lambda}$ global polarization in semi central heavy-ion collisions at HADES, NICA and RHIC energies from the core-corona model</p>	Talk
2021	<p>XIX Mexican School of Particles and fields Description of the Hyperon Global Polarization in heavy-ion collisions at HADES, NICA and RHIC energies from the core-corona model.</p>	Talk
2021	<p>VII-th Collaboration Meeting at the MPD Progress on the Study of Hyperon Global Polarization at MPD Experiment</p>	Talk

2021	<p>3rd Computing/Analysis Workshop of the MexNICA Collaboration Enfocado al entrenamiento de nuevos miembros y estudiantes de la colaboración MexNICA</p>	Organizador
2020	<p>MexNICA Collaboration Winter Meeting 2020 Lambda production and polarization studies</p>	Talk
2020	<p>VI-th Collaboration Meeting of the MPD Experiment at the NICA Facility Hyperon global polarization studies at MPD</p>	Talk
2020	<p>Seminario del Departamento de Física de la Facultad de Ciencias, UNAM <i>Polarización Global de Hiperones en Colisiones de Iones Pesados</i></p>	Seminar
2020	<p>The Conference "RFBR" Grants for NICA <i>Hyperons in Bi+Bi collisions at MPD-NICA: Preliminary analysis of production at generation, simulation and reconstruction level.</i></p>	Talk
2020	<p>2nd Computing/Analysis Workshop of the MexNICA Collaboration Enfocado al entrenamiento de nuevos miembros y estudiantes de la colaboración MexNICA.</p>	Organizer
2020	<p>Winter Workshop on Nuclear Dynamics <i>Two Component source to explain Λ and $\bar{\Lambda}$ global polarization in non-central heavy-ion collisions.</i></p>	Talk
2020	<p>Primer Taller de Cómputo de la Colaboración MexNICA <i>Polarización global de Λ y $\bar{\Lambda}$ como función de la energía de colisiones de iones pesados</i></p>	Talk
2019	<p>Jornada Sinaloense del Conocimiento <i>Producción e Identificación de Extrañeza en Colisiones de Iones Pesados</i></p>	Seminar
2019	<p>ALICE International Master Classes <i>Detectores para Altas Energías</i></p>	Conference
2018	<p>XVIII Mexican School of Particles and fields <i>Study of collectivity on strangeness production in proton proton collisions</i></p>	Poster
2018	<p>World Wide Data Day - 2018 CEYCA-Godwin <i>Análisis de datos del experimento CMS por alumnos de bachillerato</i></p>	Organizer
2018	<p>ALICE International Master Classes, ICN-UNAM <i>Measurements of the Strangeness in ALICE</i></p>	Conference

2013	Strangeness in Quark Matter 2013 Color reconnection and flow-like patterns in pp collisions	Poster
2012	ALICE Physics Week Meeting Λ^0 polarization in Pb-Pb collisions in the ALICE experiment	Talk
2011	ALICE Collaboration Week Λ^0 and K_s^0 p_T distribution	Talk
2011	1er Congreso de Alumnos de Posgrado de la UNAM Medición de propiedades de hadrones con extrañeza en colisiones pp y PbPb a energías del LHC	Poster
2011	1er Congreso de Alumnos de Posgrado de la UNAM Medición de propiedades de hadrones con extrañeza en colisiones pp y PbPb a energías del LHC	Discussion Panel
2010	XIV Mexican School on particles and fields Strangeness Analysis in pp collisions across Event Shape variables	Poster
2010	XXIV Reunión Anual de la DPyC de la SMF Búsqueda de propiedades de hadrones con extrañeza en el experimento ALICE	Talk
2010	VIII Congreso de estudiantes del Posgrado en Ciencias Físicas Análisis de extrañeza en colisiones pp a través de las variables de forma en el marco del experimento ALICE	Poster
2010	ALICE Day México Looking for properties of hadron strangeness in pp collisions	Talk
2009	XII Mexican Workshop on Particles and Fields Strangeness analysis in the ALICE experiment	Poster
2009	VII Congreso de Estudiantes del Posgrado en Ciencias Físicas Análisis de extrañeza en el experimento ALICE	Talk
2009	4th Canada-America-Mexico Graduate Students Physics Conference Strangeness Analysis in proton-proton collisions at LHC energy	Talk
2009	XXIII Reunión Anual de la DPyC de la SMF Análisis de decaimiento de partículas extrañas en el experimento ALICE	Talk
2007	Reunión Anual de la DPyC de la SMF La fluctuación $q\bar{q}$ del fotón en la fotoproducción de sabores pesados	Talk

Publication List

- 2022 **Λ and $\bar{\Lambda}$ global polarization from the Core Corona model**
A. Ayala, I. Domínguez, I. Maldonado, M.E. Tejeda-Yeomans
Proceedings WWND2022, Rev.Mex.Fis.Suppl. 3 (2022) 4, 040914
- 2022 **The rise and fall of Λ and $\bar{\Lambda}$ global polarization in semi-central heavy-ion collisions at HADES, NICA and RHIC energies from the core-corona model**
A. Ayala, I. Domínguez, I. Maldonado and M.E. Tejeda-Yeomans
Phys.Rev. C 105 (2022) 3, 034907. arXiv:2106.14379 [hep-ph]
- 2022 **Status and initial physics performance studies of the MPD experiment at NICA**
Eur. Phys. J. A (2022) 58:140
MPD Collaboration
- 2020 **Hyperons from Bi+Bi collisions at MPD-NICA: Preliminary analysis of production at generation, simulation and reconstruction level**
Alejandro Ayala, Eleazar Cautle, Isabel Domínguez, M. Rodríguez-Cahuantzi, Ivonne Maldonado, María Elena Tejeda-Yeomans
Phys.Part.Nucl. 52 (2021) 4, 730-736. arXiv:2010.12593 [hep-ex]
- 2020 **Core meets corona: a two-component source to explain Lambda and anti-Lambda global polarization in semi-central heavy-ion collisions**
A. Ayala, Alejandro Ayala, Marco Alberto Ayala Torres, Eleazar Cautle, Isabel Dominguez, Marcos Aurelio Fontaine Sanchez, Ivonne Maldonado et al.
Phys. Lett. B 810 (2020) 135818
- 2020 **Two-component source to explain Λ and $\bar{\Lambda}$ global polarization in non-central heavy-ion collisions**
A. Ayala, E. Cautle, I. Domínguez, I. Maldonado, J. Salinas and M. E. Tejeda-Yeomans
J.Phys.Conf.Ser. 1602 (2020) 1, 012032
- 2020 **The conceptual design of the miniBeBe detector proposed for NICA-MPD**
Ramón Acevedo Kado, Mauricio Alvarado Hernández, et. al.
arXiv:2007.11790
- 2019 **Extraction of multiple parton interaction and color reconnection from forward-backward multiplicity correlations**
Eleazar Cautle, Edgar Dominguez, Ivonne Maldonado
Eur.Phys.J. C 79(2019)7, 626
- 2018 **J/Ψ production as a function of charged-particle pseudorapidity density in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
Phys.Lett: B 776(2018)91-104
- 2017 **Flow dominance and factorization of transverse momentum correlations in Pb-Pb collisions at the LHC**
ALICE Collaboration
Phys.Rev.Lett. 118(2017)16,162302

- 2017 **Azimuthally differential pion femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.Lett. 118 (2017) 22, 222301
- 2017 **Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV**
ALICE Collaboration
 Eur.Phys.J.C 77 (2017) 5, 339, Eur.Phys.J.C 77 (2017) 9, 586 (editorial note)
- 2018 **First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC**
ALICE Collaboration
 Phys.Lett.B 776 (2018) 249-264
- 2017 **Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV**
ALICE Collaboration
 Eur.Phys.J.C 77 (2017) 8, 550
- 2017 **Energy dependence of forward-rapidity J/ψ and $\psi(2S)$ production in pp collisions at the LHC**
ALICE Collaboration
 Eur.Phys.J.C 77 (2017) 6, 392
- 2017 **$K^*(892)^0$ and $\phi(1020)$ meson production at high transverse momentum in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.C 95 (2017) 6, 064606
- 2017 **Production of $\Sigma(1385)^\pm$ and $\Xi(1530)^0$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Eur.Phys.J.C 77 (2017) 6, 389
- 2017 **Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys.Lett.B 772 (2017) 567-577
- 2017 **Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV**
ALICE Collaboration
 Eur.Phys.J.C 77 (2017) 8, 569, Eur.Phys.J.C 79 (2019) 12, 998 (erratum)
- 2017 **W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 JHEP 02 (2017) 077
- 2017 **Determination of the event collision time with the ALICE detector at the LHC**
ALICE Collaboration
 Eur.Phys.J.Plus 132 (2017) 2, 99
- 2017 **Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Lett.B 771 (2017) 467-481

- 2017 **Anomalous evolution of the near-side jet peak shape in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.Lett. 119 (2017) 10, 102301
- 2017 **Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.C 96 (2017) 3, 034904
- 2017 **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**
ALICE Collaboration
 JHEP 07 (2017) 052
- 2016 **Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV**
ALICE Collaboration
 Phys.Lett.B 763 (2016) 238-250
- 2017 **Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions**
ALICE Collaboration
 Nature Phys. 13(2017)535-539
- 2017 **J/Ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys. Lett.B 766 (2017)221-224
- 2016 **Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 09 (2016) 164
- 2016 **Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 09 (2016) 028
- 2016 **D-meson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and in pp collisions at $\sqrt{s} = 7$ TeV**
ALICE Collaboration
 Phys.Rev.C 94 (2016) 5, 054908
- 2016 **Measurement of azimuthal correlations of D mesons and charged particles in pp collisions at $\sqrt{s} = 7$ TeV and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Eur.Phys.J.C 77 (2017) 4, 245
- 2016 **Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Lett.B 762 (2016) 376-388

- 2016 **Correlated event-by-event fluctuations of flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.Lett. 117 (2016) 182301
- 2016 **Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.C 94 (2016) 3, 034903
- 2016 **Centrality dependence of charged jet production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Eur.Phys.J.C 76 (2016) 5, 271
- 2016 **Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 JHEP 06 (2016) 050
- 2016 **Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 JHEP 08 (2016) 078
- 2016 **Particle identification in ALICE: a Bayesian approach**
ALICE Collaboration
 Eur.Phys.J.Plus 131 (2016) 5, 168
- 2016 **Anisotropic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys.Rev.Lett. 116 (2016) 13, 132302
- 2016 **Production of $K^*(892)^0$ and $\phi(1020)$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Eur.Phys.J.C 76 (2016) 5, 245
- 2016 **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**
ALICE Collaboration
 Phys. Lett. B. 760(2016)720-735
- 2016 **Multipion Bose-Einstein correlations in pp,p -Pb, and Pb-Pb collisions at energies available at the CERN Large Hadron Collider**
ALICE Collaboration
 Phys.Rev.C 93 (2016) 5, 054908
- 2016 **Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys.Lett.B 758 (2016) 389-401
- 2016 **Centrality dependence of the charged-particle multiplicity density at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys.Rev.Lett. 116 (2016) 22, 222302

- 2016 **Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.C 93 (2016) 4, 044903
- 2016 **Measurement of an excess in the yield of J/ψ at very low p_T in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.Lett. 116 (2016) 22, 222301
- 2016 **Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV**
ALICE Collaboration
 Phys.Lett.B 753 (2016) 319-329
- 2016 **Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV**
ALICE Collaboration
 Eur.Phys.J.C 76 (2016) 4, 184
- 2016 **Azimuthal anisotropy of charged jet production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions**
ALICE Collaboration
 Phys.Lett.B 753 (2016) 511-525
- 2016 **Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Lett.B 754 (2016) 373-385
- 2016 **Measurement of D_s^+ production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 03 (2016) 082
- 2016 **Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC**
ALICE Collaboration
 Eur.Phys.J.C 76 (2016) 2, 86
- 2016 **Measurement of electrons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys.Lett.B 754 (2016) 81-93
- 2016 **Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Lett.B 754 (2016) 235-248
- 2017 **Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV**
ALICE Collaboration
 Eur.Phys.J.C 77 (2017) 1, 33
- 2016 **Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 03 (2016) 081

- 2015 **Coherent $\psi(2S)$ photo-production in ultra-peripheral Pb Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Lett.B 751 (2015) 358-370
- 2015 **Precision measurement of the mass difference between light nuclei and anti-nuclei**
ALICE Collaboration
 Nature Phys. 11 (2015) 10, 811-814
- 2016 **Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider**
ALICE Collaboration
 JCAP 01 (2016) 032
- 2016 **Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.C 93 (2016) 2, 024905
- 2016 **Event shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.C 93 (2016) 3, 034916
- 2016 **Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Lett.B 753 (2016) 41-56
- 2017 **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**
ALICE Collaboration
 Phys.Lett.B 768 (2017) 203-217
- 2016 **Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider**
ALICE Collaboration
 Phys.Rev.C 93 (2016) 2, 024917
- 2015 **Centrality dependence of inclusive J/ ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 JHEP 11 (2015) 127
- 2016 **Differential studies of inclusive J/ ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 05 (2016) 179
- 2016 **${}^3_{\Lambda}H$ and ${}^3\bar{H}$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Lett.B 754 (2016) 360-372
- 2016 **Forward-central two-particle correlations in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys.Lett.B 753 (2016) 126-139

- 2015 **One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.C 92 (2015) 5, 054908
- 2016 **Search for weakly decaying $\bar{\Lambda}_n$ and $\Lambda\Lambda$ exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Lett.B 752 (2016) 267-277
- 2016 **Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 Phys.Rev.C 93 (2016) 3, 034913
- 2015 **Centrality dependence of high- p_T D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 11 (2015) 205, JHEP 06 (2017) 032 (addendum)
- 2015 **Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 09 (2015) 170
- 2015 **Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV**
ALICE Collaboration
 JHEP 09 (2015) 148
- 2015 **Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 07 (2015) 051
- 2015 **Coherent p^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 09 (2015) 095
- 2015 **Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV**
ALICE Collaboration
 Eur.Phys.J.C 75 (2015) 5, 226
- 2015 **Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 JHEP 06 (2015) 055
- 2015 **Measurement of dijet k_T in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys.Lett.B 746 (2015) 385-395
- 2015 **Measurement of charged jet production cross sections and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
 Phys.Lett.B 749 (2015) 68-81

- 2015 **Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
Phys.Lett.B 746 (2015) 1-14
- 2015 **Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
Phys.Rev.C 91 (2015) 034906
- 2015 **Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV**
ALICE Collaboration
JHEP 05 (2015) 097
- 2015 **Centrality dependence of particle production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
Phys.Rev.C 91 (2015) 6, 064905
- 2015 **Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV**
ALICE Collaboration
Eur.Phys.J.C 75 (2015) 4, 146
- 2015 **Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 7$ TeV**
ALICE Collaboration
Phys.Rev.D 91 (2015) 11, 112012
- 2015 **Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
Phys.Lett.B 740 (2015) 105-117
- 2014 **Event-by-event mean p_T fluctuations in pp and Pb-Pb collisions at the LHC**
ALICE Collaboration
Eur.Phys.J.C 74 (2014) 10, 3077
- 2014 **Exclusive J/Ψ photoproduction of protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
Phys.Rev.Lett. 113 (2014) 23, 232504
- 2015 **Multiplicity dependence of jet-like two-particle correlation structures in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration
Phys.Lett.B 741 (2015) 38-50
- 2015 **Production of $\Sigma(1385)^\pm$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV**
ALICE Collaboration
Eur.Phys.J.C 75 (2015) 1, 1
- 2014 **Multiparticle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider**
ALICE Collaboration
Phys.Rev.C 90 (2014) 5, 054901

- 2015 **Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
 JHEP 06 (2015) 190
- 2014 **Suppression of $\Upsilon(1S)$ at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration
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