



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



EFRAIN RAFAEL CHAVEZ LOMELI

Datos Generales

Nombre: EFRAIN RAFAEL CHAVEZ LOMELI

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 42 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Física
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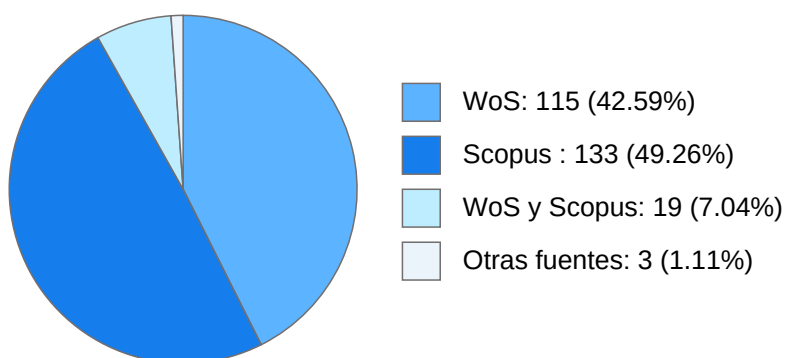
Estímulos, programas, premios y reconocimientos

SNI II 2010 - VIGENTE
SNI I - 2009
PRIDE D 2018 - 2024
PRIDE D 2016 - 2017
PRIDE C - 2016
PASPA Estancias Sabáticas 2008 - 2009

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	The multichannel approach within the NUMEN project: the $^{18}\text{O} + ^{40}\text{Ca}$ at 275 MeV case	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Diana C. et al.	EOS ANNUAL MEETING, EOSAM 2024	2025
2	Analysis of one-proton transfer reaction in $\text{O }^{18} + \text{Se }^{76}$ collisions at 275 MeV	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Ciraldo I. et al.	PHYSICAL REVIEW C	2024
3	Investigation of $^{76}\text{Se}(^{18}\text{O}, ^{17}\text{O})^{75}\text{Se}$ and $^{76}\text{Se}(^{18}\text{O}, ^{19}\text{F})^{75}\text{As}$ transfer reactions at 15 MeV/u in a multi-channel approach within the NUMEN project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI I. Ciraldo et al.	Nuovo Cimento C-Colloquia And Communications In Physics	2024
4	Elastic scattering angular distribution for the $^{18}\text{O} + ^{48}\text{Ti}$ collision at 275 MeV within the NUMEN project	EFRAIN RAFAEL CHAVEZ LOMELI Brischetto G.A. Sgouros O. et al.	Nuovo Cimento C-Colloquia And Communications In Physics	2024
5	Characterization of meteoric ^{10}Be in certified reference materials for use in internal control standards	CARMEN GRISEL MENDEZ GARCIA CORINA SOLIS ROSALES EFRAN RAFAEL CHAVEZ LOMELI et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2024

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6	Isotopically selected implanted targets for nuclear reaction studies	SINUHE SANDOVAL HIPOLITO EDUARDO ANDRADE IBARRA ARCADIO HUERTA HERNANDEZ et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2024
7	Experimental and theoretical multichannel study of direct nuclear reactions: a tool to provide data driven information on neutrino-less double-beta decay	EFRAIN RAFAEL CHAVEZ LOMELI Alessandro Spatafora Diana Carbone et al.	EOS ANNUAL MEETING, EOSAM 2024	2024
8	Multichannel approach for the analysis of ^{16}O	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI D. Carbone et al.	Nuovo Cimento C-Colloquia And Communicatio ns In Physics	2024
9	Recent results on the analysis of the $^{48}\text{Ti}(^{18}\text{O},^{17}\text{O})^{49}\text{Ti}$ reaction at 275 MeV	EFRAIN RAFAEL CHAVEZ LOMELI Sgouros O. Cappuzzello F. et al.	Nuovo Cimento C-Colloquia And Communicatio ns In Physics	2024
10	$^{20}\text{Ne} + ^{130}\text{Te}$ collision in a multi-channel approach: Recent results and experimental challenges towards the NUMEN next phase	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Soukeras V. et al.	Nuovo Cimento C-Colloquia And Communicatio ns In Physics	2024
11	Recent results on the analysis of the $^{18}\text{O} + ^{48}\text{Ti}$ collision at 275 MeV: single charge exchange reaction	EFRAIN RAFAEL CHAVEZ LOMELI Sgouros O. Cappuzzello F. et al.	EOS ANNUAL MEETING, EOSAM 2024	2024
12	Multichannel experimental and theoretical approach to the $^{12}\text{C} (^{18}\text{O}, ^{18}\text{F}) ^{12}\text{B}$ single-charge-exchange reaction at 275 MeV. II. Competition between the meson exchange and the sequential transfer in the reaction mechanism	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Spatafora A. et al.	PHYSICAL REVIEW C	2024
13	Recent results in the study of the $^{20}\text{Ne} + ^{130}\text{Te}$ collision within the NUMEN project and future perspectives	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Soukeras V. et al.	Hnps Advances In Nuclear Physics	2024

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14	Recent results on elastic scattering and single-neutron stripping reaction in the $^{18}\text{O}+^{48}\text{Ti}$ collision at 275 MeV	EFRAIN RAFAEL CHAVEZ LOMELI Sgouros O. Brischetto G.A. et al.	Hnps Advances In Nuclear Physics	2024
15	Study of the one-neutron transfer reaction in $^{18}\text{O} + ^{76}\text{Se}$ collision at 275 MeV in the context of the NUMEN project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Ciraldo I. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2023
16	Multi-channel experimental and theoretical approach to study the $^{12}\text{C}(^{18}\text{O},^{18}\text{F})^{12}\text{B}$ single charge exchange reaction	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Spatafora A. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2023
17	Nuclear physics midterm plan at Legnaro National Laboratories (LNL)	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI JOSE FRANCISCO FAVELA PEREZ et al.	EUROPEAN PHYSICAL JOURNAL PLUS	2023
18	Experimental and theoretical multi-channel study of direct nuclear reactions: a tool to provide data driven information on the $\langle \text{SUP} \rangle ^{76}\text{Ge}$ neutrino-less double-beta decay	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Spatafora A. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2023
19	The NUMEN project: probing nuclear response to weak interaction by nuclear reactions	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Carbone D. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2023
20	New high intensity Heavy - Ion beams @ INFN-LNS: NUMEN project status and perspective	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2023
21	Recent results on the analysis of the $^{48}\text{Ti}(^{18}\text{O},^{20}\text{Ne})^{46}\text{Ca}$ reaction at 275 MeV	EFRAIN RAFAEL CHAVEZ LOMELI Sgouros O. Cavallaro M. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2023
22	One-neutron transfer reaction in the $\text{O }^{18} + \text{Ti }^{48}$ collision at 275 MeV	EFRAIN RAFAEL CHAVEZ LOMELI Sgouros O. Cutuli M. et al.	PHYSICAL REVIEW C	2023
23	A multi-channel study of the $^{20}\text{Ne} + ^{130}\text{Te}$ system within the NUMEN project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Soukeras V. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2023
24	Monoisotopic targets production from atomic and molecular positive ion implantation in a tandem accelerator at low energies	JAVIER MAS RUIZ DANIEL JOSE MARIN LAMBARRI SINUHE SANDOVAL HIPOLITO et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2023
25	One-neutron transfer reaction in the $^{18}\text{O}+^{48}\text{Ti}$ collision at 275 MeV	EFRAIN RAFAEL CHAVEZ LOMELI O. Sgouros M. Cutuli et al.	PHYSICAL REVIEW C	2023

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26	Multichannel experimental and theoretical constraints for the Cd-116(Ne-20, F-20)In-116 charge exchange reaction at 306 MeV	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI ROSA LINARES CULEBRO et al.	PHYSICAL REVIEW C	2022
27	THE FIRST 14C LABORATORY IN MEXICO: THE BASIS OF A NEW RELATIONSHIP BETWEEN PHYSICISTS AND ARCHAEOLOGISTS	CORINA SOLIS ROSALES MARIA GUADALUPE RODRIGUEZ CEJA MIGUEL ANGEL MARTINEZ CARRILLO et al.	Radiocarbon	2022
28	Accelerator Mass Spectrometry, an ultrasensitive tool to measure cross sections for stellar nucleosynthesis	EFRAIN RAFAEL CHAVEZ LOMELI VICTORIA ISABEL ARAUJO ESCALONA LUIS ARMANDO ACOSTA SANCHEZ et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2022
29	RAdiocarbon in Mexico: From Proportional Counters to AMS	CORINA SOLIS ROSALES EFRAIN RAFAEL CHAVEZ LOMELI ARCADIO HUERTA HERNANDEZ et al.	Radiocarbon	2022
30	Restoration of the radio frequency ion source of the 5.5 MV CN-Van de Graaff accelerator at IFUNAM	RAUL ESPEJEL PAZ ROBERTO JOSE RAUL GLEASON VILLAGRAN DANIEL JOSE MARIN LAMBARRI et al.	JOURNAL OF INSTRUMENTATI ON	2021
31	One-proton transfer reaction for the O-18 + Ti-48 system at 275 MeV	EFRAIN RAFAEL CHAVEZ LOMELI O. Sgouros M. Cavallaro et al.	PHYSICAL REVIEW C	2021
32	O-18 + Se-76 elastic and inelastic scattering at 275 MeV	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI L. La Fauci et al.	PHYSICAL REVIEW C	2021
33	The NUMEN Technical Design Report	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Francesco Cappuzzello et al.	International Journal Of Modern Physics A	2021
34	O-18-induced single-nucleon transfer reactions on Ca-40 at 15.3A MeV within a multichannel analysis	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI ROSA LINARES CULEBRO et al.	PHYSICAL REVIEW C	2021
35	Initial State Interaction for the Ne-20	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Diana Carbone et al.	Universe	2021
36	The NUMEN Project: An Update of the Facility Toward the Future Experimental Campaigns	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Francesco Cappuzzello et al.	Frontiers In Astronomy And Space Sciences	2021

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37	Measurement of the double charge exchange reaction for the Ne-20	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Soukeras V. et al.	Results in Physics	2021
38	C-14-AMS IN MEXICO AND PRE-COLUMBIAN ARCHAEOLOGY	CORINA SOLIS ROSALES MARIA GUADALUPE RODRIGUEZ CEJA EFRAIN RAFAEL CHAVEZ LOMELI et al.	Radiocarbon	2021
39	First comparison of GEANT4 hadrontherapy physics model with experimental data for a NUMEN project reaction case	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI ROSA LINARES CULEBRO et al.	EUROPEAN PHYSICAL JOURNAL A	2020
40	The NUMEN heavy ion multidetector for a complementary approach to the neutrinoless double beta decay	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Finocchiaro P. et al.	Universe	2020
41	Analysis of two-nucleon transfer reactions in the Ne-20+Cd-116 system at 306 MeV	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI ROSA LINARES CULEBRO et al.	PHYSICAL REVIEW C	2020
42	Recent results on heavy-ion direct reactions of interest for $0^+ \beta\beta$ decay at INFN LNS	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJCKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2020
43	$^{14}\text{C}/^{12}\text{C}$ isotopic ratio of a research nuclear reactor graphite control bar	DANIEL JOSE MARIN LAMBARRI MARIA ESTHER ORTIZ Y SALAZAR MARIA GUADALUPE RODRIGUEZ CEJA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2020
44	AMS cross-section measurement for the $^{28}\text{Si}(d, \alpha)^{26}\text{Al}$ reaction near the Coulomb barrier	DANIEL JOSE MARIN LAMBARRI LUIS ARMANDO ACOSTA SANCHEZ EDUARDO ANDRADE IBARRA et al.	EUROPEAN PHYSICAL JOURNAL PLUS	2020
45	Analysis of ^{14}C concentration in teeth to estimate the year of birth in the Mexican population	MARGARITA IVET GIL CHAVARRIA CORINA SOLIS ROSALES MARIA GUADALUPE RODRIGUEZ CEJA et al.	JOURNAL OF FORENSIC AND LEGAL MEDICINE	2020
46	Perspectives for low energy reactions measurements at the new LEMA beam-line	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI LIBERTAD BARRON PALOS et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2020

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47	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2020
48	Analysis of C-14 concentration in teeth to estimate the year of birth in the Mexican population	MARGARITA IVET GIL CHAVARRIA CORINA SOLIS ROSALES MARIA GUADALUPE RODRIGUEZ CEJA et al.	JOURNAL OF FORENSIC AND LEGAL MEDICINE	2020
49	AMS C-14 DATING OF THE MAYAN CODEX OF MEXICO REVISITED	CORINA SOLIS ROSALES MIGUEL ANGEL MARTINEZ CARRILLO MARIA GUADALUPE RODRIGUEZ CEJA et al.	Radiocarbon	2020
50	Charge-state distributions of 20 Ne ions emerging from thin foils	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Cavallaro M. et al.	Results in Physics	2019
51	The NUMEN project @ LNS: Status and perspectives	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	Nuovo Cimento C-Colloquia And Communications In Physics	2019
52	New experimental campaign of NUMEN project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI RAUL ARTURO ESPEJEL MORALES et al.	AIP Conference Proceedings	2019
53	The NUMEN project @ LNS: Status and perspectives	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI RAUL ARTURO ESPEJEL MORALES et al.	AIP Conference Proceedings	2019
54	Preliminary data of 10Be/9Be ratios in aerosol filters in Mexico City	CORINA SOLIS ROSALES LUIS ARMANDO ACOSTA SANCHEZ MARIA GUADALUPE RODRIGUEZ CEJA et al.	Springer proceedings in physics	2019
55	Be-10 measurements in atmospheric filters using the AMS technique: The data analysis	CARMEN GRISEL MENDEZ GARCIA CORINA SOLIS ROSALES EFRAIN RAFAEL CHAVEZ LOMELI et al.	Springer proceedings in physics	2019
56	Ne-20 +Ge- 76 elastic and inelastic scattering at 306 MeV	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI ROSA LINARES CULEBRO et al.	PHYSICAL REVIEW C	2019
57	Recent results on Heavy-Ion induced reactions of interest for 0 ⁺ ββ decay	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2019
58	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS	ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI KAREN PATRICIA GAITAN DE LOS RIOS et al.	EOS ANNUAL MEETING, EOSAM 2024	2019

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59	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018
60	Experimental challenges in the measurement of double charge exchange reactions within the NUMEN project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI D. Carbone et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018
61	Characterization of the LEMA isotope separator to measure concentrations of Be-10 from atmospheric filters	KAREN PATRICIA GAITAN DE LOS RIOS CARMEN GRISEL MENDEZ GARCIA CORINA SOLIS ROSALES et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018
62	Advances in the measurement of the C-13(d, p)C-14 cross section using AMS	LIBERTAD BARRON PALOS EFRAIN RAFAEL CHAVEZ LOMELI DANIEL JOSE MARIN LAMBARRI et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018
63	The nuclear matrix elements of $0^+ \beta\beta$ decay and the NUMEN project at INFN-LNS	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Carbone D. et al.	EOS ANNUAL MEETING, EOSAM 2024	2018
64	First measurement of the $^{116}\text{Cd}(^{20}\text{Ne}, ^{20}\text{O})^{116}\text{Sn}$ reaction at 15 amev	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI ROSA LINARES CULEBRO et al.	ACTA PHYSICA POLONICA B	2018
65	The NUMEN project: NUClear Matrix Elements for Neutrinoless double beta decay	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	EUROPEAN PHYSICAL JOURNAL A	2018
66	Experimental challenges for the measurement of the $^{116}\text{Cd}(^{20}\text{Ne}, ^{20}\text{O})^{116}\text{Sn}$ double charge exchange reaction at 15 AMeV	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Carbone D. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018
67	Heavy-ion particle identification for the transfer reaction channels for the system $^{18}\text{O} + ^{116}\text{Sn}$ under the NUMEN Project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Deshmukh N. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018
68	Experimental issues for the measurement of the double charge exchange reactions within the NUMEN project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Carbone D. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018
69	Post-stripper study for the $(^{20}\text{Ne}, ^{20}\text{O})$ double charge exchange reaction at zero degrees with the MAGNEX spectrometer	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Santagati G. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018

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70	Data reduction for experimental measurements within the NUMEN project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI Calabrese S. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2018
71	Anomalous ratios of radioisotopes in PM10 as tracer of global fallout impact in the centre of Mexico	CARMEN GRISEL MENDEZ GARCIA CORINA SOLIS ROSALES EFRAIN RAFAEL CHAVEZ LOMELI et al.	ISOTOPES IN ENVIRONMENTAL AND HEALTH STUDIES	2018
72	NURE: An ERC project to study nuclear reactions for neutrinoless double beta decay	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2017
73	AMS-C-14 analysis of modern teeth: A comparison between two sample preparation techniques	CORINA SOLIS ROSALES MARIA GUADALUPE RODRIGUEZ CEJA MIGUEL ANGEL MARTINEZ CARRILLO et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2017
74	Assessment of the concentrations of U and Th in PM2.5 from Mexico City and their potential human health risk	CORINA SOLIS ROSALES EFRAIN RAFAEL CHAVEZ LOMELI Grisel Mendez-Garcia, Carmen et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2017
75	Radiocarbon Dating of Underwater Archaeological Objects from the Nevado de Toluca, Mexico	MIGUEL ANGEL MARTINEZ CARRILLO CORINA SOLIS ROSALES MARIA GUADALUPE RODRIGUEZ CEJA et al.	Radiocarbon	2017
76	AMS 14C Dating of Bones from Archaeological Sites in Mexico	CORINA SOLIS ROSALES GABRIELA PEREZ ANDRADE MARIA GUADALUPE RODRIGUEZ CEJA et al.	Radiocarbon	2017
77	Historic binnacle of C-14/C-12 concentration in Mexico City	JORGE ANDRES FLORES VALDES CORINA SOLIS ROSALES ARCADIO HUERTA HERNANDEZ et al.	Physics Procedia	2017
78	Study of the Si-28(d,alpha)Al-26 nuclear reaction at low energies	VICTORIA ISABEL ARAUJO ESCALONA LUIS ARMANDO ACOSTA SANCHEZ EDUARDO ANDRADE IBARRA et al.	Physics Procedia	2017
79	Reaction production plus AMS: An alternative method to study low energy reactions. Al-26 as a testcase	LUIS ARMANDO ACOSTA SANCHEZ VICTORIA ISABEL ARAUJO ESCALONA EFRAIN RAFAEL CHAVEZ LOMELI et al.	EOS ANNUAL MEETING, EOSAM 2024	2017

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80	The Si-28(d,alpha) reaction	VICTORIA ISABEL ARAUJO ESCALONA LUIS ARMANDO ACOSTA SANCHEZ EDUARDO ANDRADE IBARRA et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
81	The nuclear matrix elements of 0v beta beta decay and the NUMEN project at INFN-LNS	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
82	MONDE: MOmentum Neutron DEtector	LUIS ARMANDO ACOSTA SANCHEZ ARCADIO HUERTA HERNANDEZ MARIA ESTHER ORTIZ Y SALAZAR et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
83	NUMEN project @ LNS: Status and perspectives	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2016
84	Ion beam analysis and co-sputtering simulation (CO-SS) of bi-metal films produced by magnetron co-sputtering	EDUARDO ANDRADE IBARRA STEPHEN MUHL SAUNDERS CARLOS EDUARDO CANTO ESCAMILLA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2016
85	14C content in aerosols in Mexico City	CORINA SOLIS ROSALES EFRAIN RAFAEL CHAVEZ LOMELI EDUARDO ANDRADE IBARRA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2016
86	New supersonic gas jet target for low energy nuclear reaction studies	JOSE FRANCISCO FAVELA PEREZ L. Acosta EDUARDO ANDRADE IBARRA et al.	PHYSICAL REVIEW SPECIAL TOPICS-ACCELE RATORS AND BEAMS	2015

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87	Progress in the characterization of the gas jet target at IFUNAM	JOSE FRANCISCO FAVELA PEREZ EFRAIN RAFAEL CHAVEZ LOMELI OSCAR GENARO DE LUCIO MORALES et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2015
88	AMS-C14 analysis of graphite obtained with an Automated Graphitization Equipment (AGE III) from aerosol collected on quartz filters	CORINA SOLIS ROSALES EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2015
89	Nuclear physics experiments with a windowless supersonic gas jet target	JOSE FRANCISCO FAVELA PEREZ EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2014
90	A one-dimensional optomechanical crystal with a complete phononic band gap	EFRAIN RAFAEL CHAVEZ LOMELI Gomis-Bresco J. Navarro-Urrios D. et al.	NATURE COMMUNICATIONS	2014
91	A PhoXonic crystal: Photonic and phononic bandgaps in a 1D optomechanical crystal	EFRAIN RAFAEL CHAVEZ LOMELI Gomis-Bresco J. Navarro-Urrios D. et al.	International Conference on Transparent Optical Networks-ICTON	2014
92	Implementation of a secondary-ion tritium beam by means of the associated particle technique and its test on a gold target	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR ARCADIO HUERTA HERNANDEZ et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	2014

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93	Radiocarbon dating and compositional analysis of pre-Columbian human bones	EDUARDO ANDRADE IBARRA CORINA SOLIS ROSALES CLAUDIA ELISA CANTO MAYA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2014
94	A new AMS facility in Mexico	CORINA SOLIS ROSALES EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2014
95	Synthesis and structural characterization of nanocrystalline batio3 at various calcination temperatures	EFRAIN RAFAEL CHAVEZ LOMELI Fuentes S. Céspedes F. et al.	JOURNAL OF THE CHILEAN CHEMICAL SOCIETY	2013
96	Flexural mode dispersion in ultra-thin Ge membranes	EFRAIN RAFAEL CHAVEZ LOMELI Gomis-Bresco J. Alzina F. et al.	Ulis 2013: The 14th International Conference On Ultimate Integration On Silicon, Incorporating The 'technology Br	2013
97	Influence of reactant type on the Sr incorporation grade and structural characteristics of Ba1-xSrxTiO3 (x=0-1) grown by sol-gel-hydrothermal synthesis	EFRAIN RAFAEL CHAVEZ LOMELI Fuentes S. Padilla-Campos L. et al.	CERAMICS INTERNATIONAL	2013

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98	Supersonic gas Jet target for nuclear physics experiments	JOSE FRANCISCO FAVELA PEREZ EFRAIN RAFAEL CHAVEZ LOMELI EDUARDO ANDRADE IBARRA et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2013
99	Lifetimes of confined acoustic phonons in ultrathin silicon membranes	EFRAIN RAFAEL CHAVEZ LOMELI Cuffe J. Ristow O. et al.	PHYSICAL REVIEW LETTERS	2013
100	Phonons in slow motion: Dispersion relations in ultrathin Si membranes	EFRAIN RAFAEL CHAVEZ LOMELI Cuffe J. Shchepetov A. et al.	NANO LETTERS	2012
101	Letter from the editor	FRANCISCO RAMOS GOMEZ EFRAIN RAFAEL CHAVEZ LOMELI Efraín R.	REVISTA MEXICANA DE FISICA	2012
102	Effect of phonon confinement on the dispersion relation and heat capacity in nanoscale Si membranes	EFRAIN RAFAEL CHAVEZ LOMELI Cuffe J. Shchepetov A. et al.	Asme International Mechanical Engineering Congress And Exposition, Proceedings (imece)	2012
103	Calculation of the specific heat in ultra-thin free-standing silicon membranes	EFRAIN RAFAEL CHAVEZ LOMELI Cuffe J. Alzina F. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2012
104	Fusion of Sn-124,Sn-132 with Ca-40,Ca-48	EFRAIN RAFAEL CHAVEZ LOMELI Kolata, J. J. Roberts, A. et al.	PHYSICAL REVIEW C	2012
105	Characterization of excited states of N-15 through C-14(p,p) C-14 using polarized proton beam	EFRAIN RAFAEL CHAVEZ LOMELI Murillo, G. Fernandez, M. et al.	REVISTA MEXICANA DE FISICA	2011
106	Characterization of a radioactive C-11 beam by means of the associated particle technique	ARCADIO HUERTA HERNANDEZ EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR et al.	REVISTA MEXICANA DE FISICA	2010
107	Experimental Nuclear physics research challenges at low energies	EFRAIN RAFAEL CHAVEZ LOMELI LEONARDO MORALES DE LA GARZA Murillo, G	REVISTA MEXICANA DE FISICA	2010
108	Preparation of SrTiO3 nanomaterial by a sol-gel-hydrothermal method	EFRAIN RAFAEL CHAVEZ LOMELI Fuentes S. Zarate R.A. et al.	JOURNAL OF MATERIALS SCIENCE	2010
109	Structural analysis of nanocrystalline BaTiO3	EFRAIN RAFAEL CHAVEZ LOMELI Fuentes S. Zarate R.A. et al.	JOURNAL OF MOLECULAR STRUCTURE	2010

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110	Synthesis and characterization of BaTiO ₃ nanoparticles in oxygen atmosphere	EFRAIN RAFAEL CHAVEZ LOMELI Fuentes S. Zárate R.A. et al.	JOURNAL OF ALLOYS AND COMPOUNDS	2010
111	Electronic properties of small Kn (n<8) and bimetallic KnCum (n,m<4) clusters	EFRAIN RAFAEL CHAVEZ LOMELI Padilla-Campos L.	JOURNAL OF MOLECULAR STRUCTURE-THE OCHEM	2010
112	A measurement of correlation parameters in the decay of polarized free neutrons: The abBA experiment	LIBERTAD BARRON PALOS EFRAIN RAFAEL CHAVEZ LOMELI QUIELA MARINA CURIEL GARCIA et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2010
113	Characterization of a fast neutron detection system with large angular coverage and granularity for physics studies and applications	EFRAIN RAFAEL CHAVEZ LOMELI LIBERTAD BARRON PALOS MARIA ESTHER ORTIZ Y SALAZAR et al.	AIP Conference Proceedings	2009
114	Elastic scattering of neutrons on Pb-nat at forward angles	EFRAIN RAFAEL CHAVEZ LOMELI P. Rodriguez A. Huerta et al.	EUROPEAN PHYSICAL JOURNAL A	2009
115	Measurement of parity-violating neutron capture gamma asymmetries at low-energies	LIBERTAD BARRON PALOS EFRAIN RAFAEL CHAVEZ LOMELI QUIELA MARINA CURIEL GARCIA et al.	REVISTA MEXICANA DE FISICA	2009
116	Revista Mexicana de Fisica: Preface	EFRAIN RAFAEL CHAVEZ LOMELI GUILLERMO CIRANO ESPINOSA GARCIA Aspiazú J.	REVISTA MEXICANA DE FISICA	2008
117	The application of a beam profile monitor as a beam current integrator for charged particle accelerators	EFRAIN RAFAEL CHAVEZ LOMELI LIBERTAD BARRON PALOS MARIA ESTHER ORTIZ Y SALAZAR et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATO RS SPECTROMETER S DETECTORS AND ASSOCIATED EQUIPMENT	2007
118	Revista Mexicana de Fisica: Preface	EFRAIN RAFAEL CHAVEZ LOMELI GUILLERMO CIRANO ESPINOSA GARCIA Aspiazú J.	REVISTA MEXICANA DE FISICA	2007
119	Absolute cross sections measurement for the ¹² C + ¹² C system at astrophysically relevant energies	LIBERTAD BARRON PALOS MARIA ESTHER ORTIZ Y SALAZAR EFRAIN RAFAEL CHAVEZ LOMELI et al.	NUCLEAR PHYSICS A	2006

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120	12C + 12C cross-section measurements at low energies	LIBERTAD BARRON PALOS EFRAIN RAFAEL CHAVEZ LOMELI ARCADIO HUERTA HERNANDEZ et al.	EUROPEAN PHYSICAL JOURNAL A	2005
121	Editor's preface	EFRAIN RAFAEL CHAVEZ LOMELI MARCOS MOSHINSKY BORODINASKY López J.A. et al.	ACTA PHYS HUNG NS-H	2002
122	Study of resonant reactions with radioactive ion beams and observation of simultaneous 2p emission	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR Galindo-Uribarri A. et al.	NUCLEAR PHYSICS A	2001
123	Decay of a resonance in 18Ne by the simultaneous emission of two protons	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR Gómez Del Campo J. et al.	PHYSICAL REVIEW LETTERS	2001
124	Study of resonant reactions with radioactive ion beams	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR Galindo-Uribarri A. et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2000
125	Preequilibrium emission observed in the correlation between light particles and evaporation residues for the 84Kr+27Al system	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR Gómez Del Campo J. et al.	PHYSICAL REVIEW C	1999
126	Practical method to calibrate large arrays of detectors, the example of the HILI	MARIA ESTHER ORTIZ Y SALAZAR EFRAIN RAFAEL CHAVEZ LOMELI Dacal A. et al.	REVISTA MEXICANA DE FISICA	1998
127	Collisions induced by 11 MeV/nucleon 58Ni+24Mg	EFRAIN RAFAEL CHAVEZ LOMELI Shapira D. Gomez Del Campo J. et al.	PHYSICAL REVIEW C	1997
128	A first look at the 84Kr(1260 MeV) + 27Al data using the heavy ion light ion detector	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR Madani H. et al.	REVISTA MEXICANA DE FISICA	1996
129	O16 breakup in quasielastic reactions near the fermi energy	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR Dacal A. et al.	PHYSICAL REVIEW C	1993
130	Capture reactions in the Ca40,48+197Au and Ca40,48+208Pb systems	EFRAIN RAFAEL CHAVEZ LOMELI Pacheco A.J. FernAndez Niello J.O. et al.	PHYSICAL REVIEW C	1992

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131	Fusion cross sections for C12+128Te and the deduction of absolute average angular momenta	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR Digregorio D.E. et al.	PHYSICAL REVIEW C	1991
132	Where has all the fusion gone...?	EFRAIN RAFAEL CHAVEZ LOMELI Plagnol E. Vinet L. et al.	PHYSICS LETTERS B	1989
133	Stripping- and pickup-induced breakup in 11- and 17-MeV/nucleon Ne20+197Au reactions	EFRAIN RAFAEL CHAVEZ LOMELI Gazes S.B. Schmidt H.R. et al.	PHYSICAL REVIEW C	1988
134	Neutron pickup and four-body processes in reactions of 16O+197Au at 26.5 and 32.5 MeV/nucleon	EFRAIN RAFAEL CHAVEZ LOMELI MARIA ESTHER ORTIZ Y SALAZAR Gazes S.B. et al.	PHYSICS LETTERS B	1988
135	Projectile-breakup and transfer-reemission reactions in the Ne12 system	EFRAIN RAFAEL CHAVEZ LOMELI Siwek-Wilczynska K. Wilczynski J. et al.	PHYSICAL REVIEW C	1987
136	12C decay of 24Mg following nuclear inelastic scattering	EFRAIN RAFAEL CHAVEZ LOMELI Wilczynski J. Siwek-Wilczynska K. et al.	PHYSICS LETTERS B	1986
137	Peripheral interactions for 44 MeV/u 49Ar on 27Al and natTi targets	EFRAIN RAFAEL CHAVEZ LOMELI Dayras R. Pagano A. et al.	NUCLEAR PHYSICS A	1986
138	Elastic scattering phenomenological analysis of the first resonant structure of the Si28 + O16 system	EFRAIN RAFAEL CHAVEZ LOMELI Mermaz M.C. Barrette J. et al.	PHYSICAL REVIEW C	1984
139	O16+Si28 elastic scattering near the barrier	EFRAIN RAFAEL CHAVEZ LOMELI Kahana S. Barrette J. et al.	PHYSICAL REVIEW C	1983

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Casa De Los Dioses, Nevado De Toluca	CORINA SOLIS ROSALES MIGUEL ANGEL MARTINEZ CARRILLO MARIA GUADALUPE RODRIGUEZ CEJA et al.	Libro Completo	2021	9786075395579
2	Casa De Los Dioses, Nevado De Toluca	YO SUGIURA YAMAMOTO CORINA SOLIS ROSALES MIGUEL ANGEL MARTINEZ CARRILLO et al.	Libro Completo	2021	9786075395586
3	Casa De Los Dioses, Nevado De Toluca	CORINA SOLIS ROSALES MIGUEL ANGEL MARTINEZ CARRILLO MARIA GUADALUPE RODRIGUEZ CEJA et al.	Libro Completo	2021	9786076333792
4	Casa De Los Dioses, Nevado De Toluca	YO SUGIURA YAMAMOTO CORINA SOLIS ROSALES MIGUEL ANGEL MARTINEZ CARRILLO et al.	Libro Completo	2021	9786076333839
5	The NUMEN project @ LNS: Status and perspectives	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	Conferenc e Paper	2019	9780735419100

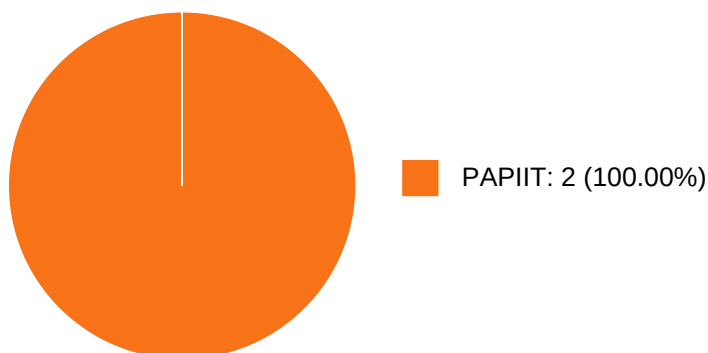
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6	El Códice Maya de México, antes Grolier	CORINA SOLIS ROSALES EFRAIN RAFAEL CHAVEZ LOMELI MIGUEL ANGEL MARTINEZ CARRILLO	Libro Completo	2018	9786075391588
7	Challenges in double charge exchange measurements for neutrino physics	ROELOF BIJKER ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO EFRAIN RAFAEL CHAVEZ LOMELI et al.	Conferencia Paper	2018	9789290835196
8	Extreme Magnitude Earthquakes and Their Direct Economic Impacts: A Hybrid Approach	EFRAIN RAFAEL CHAVEZ LOMELI Chavez, M. Cabrera, E. et al.	Capítulo de un Libro	2015	9781119157052

EFRAIN RAFAEL CHAVEZ LOMELI

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

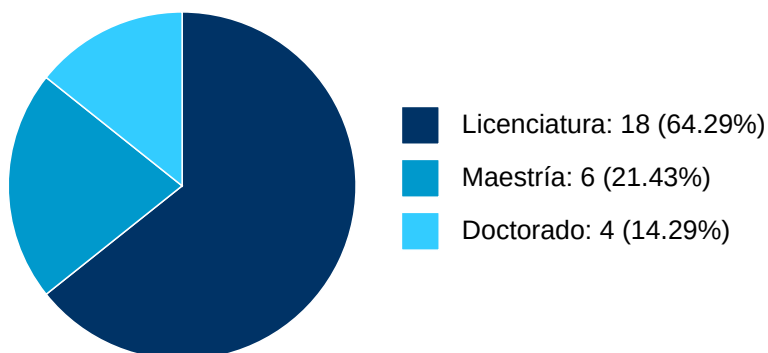


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Astrofísica nuclear experimental: secciones eficaces de reacción de núcleos ligeros	EFRAIN RAFAEL CHAVEZ LOMELI	Recursos PAPIIT	01-01-2016	31-12-2018
2	Estructura de Núcleos ligeros y astrofísica nuclear utilizando haces de Deuterio de baja energía.	EFRAIN RAFAEL CHAVEZ LOMELI EDUARDO ANDRADE IBARRA	Recursos PAPIIT	01-01-2020	31-12-2022

EFRAIN RAFAEL CHAVEZ LOMELI

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Análisis de superficies con los nuevos haces del acelerador Van de Graaff de 5.5 MV del IFUNAM	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Valdez Guerrero, Alan Omar,	Instituto de Física,	2024
2	Estudio de reacciones nucleares a bajas energías en México	Tesis de Doctorado	EFRAIN RAFAEL CHAVEZ LOMELI,	Mas Ruiz, Javier,	Instituto de Física,	2022
3	Medición de la sección eficaz por α para la reacción $^{28}\text{Si}(\alpha, n)^{31}\text{P}$, cerca de la barrera de coulomb.	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Zunun Torres, Amacalli Bonitzu,	Instituto de Física,	2022
4	Blancos isotópicamente puros de gases nobles para el estudio de reacciones nucleares de doble intercambio de carga	Tesis de Maestría	EFRAIN RAFAEL CHAVEZ LOMELI,	Sandoval Hipólito, Sinuhé,	Instituto de Física,	2022

EFRAIN RAFAEL CHAVEZ LOMELI

5	Caos cuántico en series de fotones individuales como una superposición de estados de onda y partícula	Tesis de Doctorado	EFRAIN RAFAEL CHAVEZ LOMELI,	ENRIQUE LOPEZ MORENO, VICTOR MANUEL VELAZQUEZ AGUILAR, et al.	Facultad de Ciencias, Instituto de Física,	2022
6	Caracterización de haces moleculares de carbono en altas energías	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Sandoval Hipólito, Sinuhé,	Instituto de Física,	2020
7	Medición de concentración isotópica de ^{14}C de una barra de control del reactor nuclear TRIGA Mark III	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Belmont Monroy, David,	Instituto de Física,	2020
8	Blancos implantados de ^{28}Si , ^{29}Si y ^{13}C en sustratos laminares de carbón vítreo, grafito y aluminio	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Monroy Díaz, Eduardo,	Instituto de Física,	2020
9	Estudio de los radios nucleares utilizando haces de iones ligeros a bajas energías	Tesis de Maestría	EFRAIN RAFAEL CHAVEZ LOMELI,	Mas Ruiz, Javier,	Instituto de Física,	2018
10	Estudio de los estados excitados del ^{12}C mediante la reacción $^{14}\text{N}(d,\alpha)^{12}\text{C}$	Tesis de Maestría	EFRAIN RAFAEL CHAVEZ LOMELI,	López Saavedra, Eilens,	Instituto de Física,	2017
11	Momentum neutron detector : MONDE	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Santa Rita Alcibia, Pedro Humberto,	Instituto de Física,	2016
12	Characterization of a windowless supersonic gas jet target for nuclear physics experiments	Tesis de Doctorado	EFRAIN RAFAEL CHAVEZ LOMELI,	Favela Pérez, José Francisco,	Instituto de Física,	2016
13	Isótopos de carbono en árboles : registro histórico de la calidad del aire	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Flores Alanis, Juan Antonio,	Instituto de Física,	2016

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14	Estudio de la producción de 26al : sus implicaciones en la nucleosíntesis y cosmología	Tesis de Maestría	LIBERTAD BARRON PALOS,	EFRAIN RAFAEL CHAVEZ LOMELI, Araujo Escalona, Victoria Isabel,	Instituto de Física,	2015
15	Position reconstruction from amplitude detection algorithm (PRADA)	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Ramos Sánchez, Antonio Tonatihu,	Instituto de Física,	2015
16	Dispositivos electromagnéticos para el transporte y manipulación del espín de neutrones fríos para el experimento de rotación del espín del neutrón	Tesis de Maestría	LIBERTAD BARRON PALOS,	EFRAIN RAFAEL CHAVEZ LOMELI, Maldonado Velázquez, Marissa,	Instituto de Física,	2014
17	Producción y caracterización de flujo de neutrones monocromáticos	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Meneses Ochoa, David Ricardo,	Instituto de Física,	2012
18	Medida de la sección eficaz de la reacción de captura $^{12}\text{C}(\text{p},\gamma)^{13}\text{N}$	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Pérez Munive, José Luis,	Instituto de Física,	2012
19	Diseño, construcción y prueba de un sistema de detección de iones sensible a la posición basado en la lógica de Anger	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Coello Pérez, Eduardo Antonio,	Instituto de Física,	2011
20	Medición del contenido de hidrógeno de blancos de grafito para experimentos de astrofísica nuclear	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Morales Gallegos, Elia Lizeth,	Instituto de Física,	2011
21	Diseño, construcción y prueba de fuentes de luz visible y UV pulsadas en nanosegundos	Tesis de Maestría	EFRAIN RAFAEL CHAVEZ LOMELI,	ANTONIO MARCELO JUAREZ REYES, LUIS FERNANDO MAGAÑA SOLIS, et al.	Facultad de Ciencias, Instituto de Ciencias Físicas, Instituto de Física,	2011

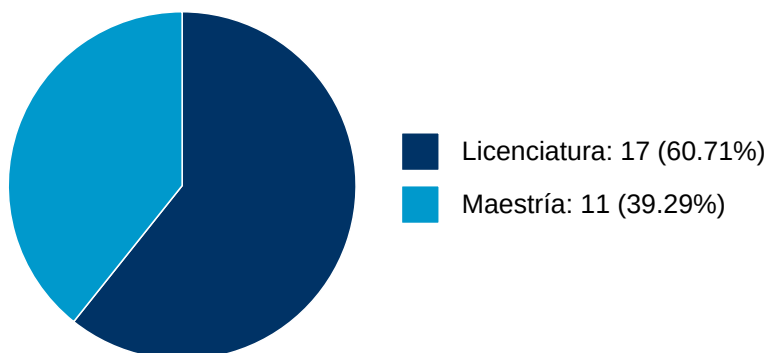
EFRAIN RAFAEL CHAVEZ LOMELI

22	Estudio teórico-experimental de la dispersión elástica de neutrones en plomo a ángulos pequeños	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Rodríguez Zamora, Penélope,	Instituto de Física,	2008
23	Efectos no nucleares en interacciones de neutrones con blancos pesados	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Favela Pérez, José Francisco,		2007
24	Hodoscopio para neutrones rápidos	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Monroy Gamboa, Ricardo,		2004
25	Estructura de cumulos alfa en los isotopos del berilio	Tesis de Doctorado	EFRAIN RAFAEL CHAVEZ LOMELI,	PETER OTTO HESS BECHSTEDT, Hernandez de la Peña, Leandro,		2001
26	Estudio de factibilidad para la construccion de un separador isotopico en el Laboratorio Peletron del IFUNAM	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Miranda Morales, Roberto,		1999
27	Un sistema de adquisicion multiparametrico y el estudio de las reacciones del tipo (Alpha,n)	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Huerta Hernández, A.,		1998
28	Establecimiento de un sistema de deteccion de neutrones	Tesis de Licenciatura	EFRAIN RAFAEL CHAVEZ LOMELI,	Villarreal Huerta, José Manuel,		1995

EFRAIN RAFAEL CHAVEZ LOMELI

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	INTRODUC.A LA FISICA D RADIACIONES	Facultad de Ciencias	17	2023-2
2	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	17	2022-2
3	Licenciatura	TEM.SELEC.DE FISICA NUCLEAR II	Facultad de Ciencias	2	2021-2
4	Maestría	LABORATORIO AVANZADO	Instituto de Física	1	2018-2
5	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Física	1	2018-2
6	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Física	1	2018-2
7	Maestría	LABORATORIO AVANZADO	Instituto de Física	1	2018-1
8	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	10	2017-2
9	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	5	2017-1
10	Maestría	SEMINARIO DE INVESTIGACION II-394297	Instituto de Ciencias Aplicadas y Tecnología	1	2017-1
11	Maestría	SEMINARIO DE INVESTIGACION I-394270	Instituto de Física	1	2017-1
12	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	5	2016-2
13	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	10	2016-1
14	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	6	2015-2
15	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Física	1	2015-1
16	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	6	2015-1
17	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Física	1	2014-2
18	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	8	2014-1
19	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	4	2013-1
20	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	7	2012-2
21	Maestría	LABORATORIO AVANZADO	Instituto de Física	1	2012-2
22	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	10	2011-2



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



EFRAIN RAFAEL CHAVEZ LOMELI

23	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	4	2011-1
24	Maestría	LABORATORIO AVANZADO	Instituto de Física	2	2011-1
25	Maestría	TEMA SELECTO	Instituto de Física	1	2010-1
26	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	8	2009-2
27	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	7	2009-1
28	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	8	2008-2



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



EFRAIN RAFAEL CHAVEZ LOMELI

PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

EFRAIN RAFAEL CHAVEZ LOMELI

EFRAIN RAFAEL CHAVEZ LOMELI

FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024