



**DANIEL JOSE MARIN LAMBARRI**

## Datos Generales

**Nombre:** DANIEL JOSE MARIN LAMBARRI

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 3 años

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## Nombramientos

**Vigente:** INVESTIGADOR ASOCIADO C TC No Definitivo  
Instituto de Física  
Desde 01-04-2023

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## Estímulos, programas, premios y reconocimientos

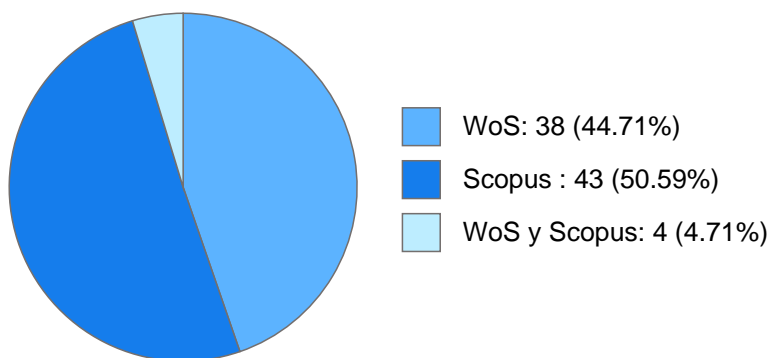
SNI I 2022 - 2023

SNI C 2019 - 2021

EQUIVALENCIA PRIDE B 2022 - 2022

## DOCUMENTOS EN REVISTAS

### Histórico de Documentos



#	Título	Autores	Revista	Año
1	Proton decays from $\alpha$ -unbound states in Mg 22 and the Ne 18 ( $\alpha, p$ ) <sup>21</sup> Na cross section	DANIEL JOSE MARIN LAMBARRI Brümmer J.W. Adsley P. et al.	PHYSICAL REVIEW C	2023
2	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
3	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.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2023
4	Probing the Elastic Scattering Differential Cross Section for Al	DANIEL JOSE MARIN LAMBARRI Mas Ruiz J. Zayas-Bazán K.G. et al.	Universe	2023
5	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.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2023
6	Evolution of the isoscalar giant monopole resonance in the Ca isotope chain	DANIEL JOSE MARIN LAMBARRI Olorunfunmi S.D. Neveling R. et al.	PHYSICAL REVIEW C	2022



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7	A focus on selected perspectives of the NUMEN project	ROELOF BIJKER ELBA TERESA CHAVEZ LOMELI ARCADIO HUERTA HERNANDEZ et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2022
8	Gamma-ray flux measurement and geotechnical studies at the selected site for the LABChico underground laboratory	ALEXIS ARMANDO AGUILAR AREVALO CARLOS CANET MIQUEL JUAN CARLOS D'OLIVO SAEZ et al.	EUROPEAN PHYSICAL JOURNAL PLUS	2022
9	Correction to: Gamma-ray flux measurement and geotechnical studies at the selected site for the LABChico underground laboratory (The European Physical Journal Plus, (2022), 137, 2, (210), 10.1140/epjp/s13360-022-02407-1)	ALEXIS ARMANDO AGUILAR AREVALO CARLOS CANET MIQUEL JUAN CARLOS D'OLIVO SAEZ et al.	EUROPEAN PHYSICAL JOURNAL PLUS	2022
10	Volume reduction of water samples to increase sensitivity for radioassay of lead contamination	ALEXIS ARMANDO AGUILAR AREVALO CARLOS CANET MIQUEL JUAN CARLOS D'OLIVO SAEZ et al.	Applied Water Science	2022
11	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
12	Extending the Hoyle-State Paradigm to C 12 + C 12 Fusion	DANIEL JOSE MARIN LAMBARRI Adsley P. Heine M. et al.	PHYSICAL REVIEW LETTERS	2022
13	Isoscalar monopole and dipole transitions in Mg-24, Mg-26, and Si-28	DANIEL JOSE MARIN LAMBARRI P. Adsley V. O. Nesterenko et al.	PHYSICAL REVIEW C	2021
14	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 INSTRUMENTATION	2021
15	Investigating gamma-ray decay of excited C-12 levels with a multifold coincidence analysis	JOSE FRANCISCO FAVELA PEREZ LUIS ARMANDO ACOSTA SANCHEZ DANIEL JOSE MARIN LAMBARRI et al.	PHYSICAL REVIEW C	2021
16	Isospin mixing and the cubic isobaric multiplet mass equation in the lowest T=2, A=32 quintet	DANIEL JOSE MARIN LAMBARRI Kamil M. Triambak S. et al.	PHYSICAL REVIEW C	2021



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17	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
18	On the C-12 Hoyle state gamma decay	JOSE FRANCISCO FAVELA PEREZ LUIS ARMANDO ACOSTA SANCHEZ DANIEL JOSE MARIN LAMBARRI et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2020
19	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.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2020
20	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.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2020
21	Measurement of the thermal neutron capture cross section by Be-9 using the neutron flux from a nuclear research reactor and the AMS technique	DANIEL JOSE MARIN LAMBARRI SERGIO PADILLA OLVERA LUIS ARMANDO ACOSTA SANCHEZ et al.	PHYSICAL REVIEW C	2020
22	Dosimetry and calorimetry performance of a scientific CMOS camera for environmental monitoring	ALEXIS ARMANDO AGUILAR AREVALO CARLOS CANET MIQUEL JUAN CARLOS D'OLIVO SAEZ et al.	SENSORS	2020
23	Recent results on heavy-ion direct reactions of interest for $^{20}\text{Ne}$ decay at INFN LNS	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2020
24	Preface	LUIS ARMANDO ACOSTA SANCHEZ DANIEL JOSE MARIN LAMBARRI Prof. et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2020



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25	$^{14}\text{C}/^{12}\text{C}$ 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
26	Total L X-ray production cross sections of Sr, Y, Zr, Nb, and Mo induced by impact of 1.335 MeV to 1.835 MeV protons	DERIAN LEONEL SERRANO JUAREZ DANIEL JOSE MARIN LAMBARRI JUAN ANTONIO MENDOZA FLORES et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2020
27	Gamma ray detection with CHIMERA at LNS: Results and perspectives	JOSE FRANCISCO FAVELA PEREZ LUIS ARMANDO ACOSTA SANCHEZ DANIEL JOSE MARIN LAMBARRI et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2020
28	The NUMEN project @ LNS: Status and perspectives	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	Nuovo Cimento C-Colloquia And Communicatio ns In Physics	2019
29	New experimental campaign of NUMEN project	LUIS ARMANDO ACOSTA SANCHEZ EFRAIN RAFAEL CHAVEZ LOMELI RAUL ARTURO ESPEJEL MORALES et al.	AIP Conference Proceedings	2019
30	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



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31	Recent results on Heavy-Ion induced reactions of interest for $0^+ \beta\beta$ decay	LUIS ARMANDO ACOSTA SANCHEZ ROELOF BIJKER EFRAIN RAFAEL CHAVEZ LOMELI et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2019
32	First results of the Hoyle-Gamma experiment: study of the excited levels in carbon-12 gamma decay	JOSE FRANCISCO FAVELA PEREZ LUIS ARMANDO ACOSTA SANCHEZ DANIEL JOSE MARIN LAMBARRI et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2018
33	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.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2018
34	Production of $^9\text{Be}$ targets for nuclear physics experiments	DANIEL JOSE MARIN LAMBARRI Kheswa N.Y.	AIP Conference Proceedings	2018
35	Second $T=3/2$ state in B 9 and the isobaric multiplet mass equation	DANIEL JOSE MARIN LAMBARRI Mukwevho N.J. Rebeiro B.M. et al.	PHYSICAL REVIEW C	2018
36	a Clustering in Si 28 probed through the identification of high-lying $0^+$ states	DANIEL JOSE MARIN LAMBARRI Adsley P. Jenkins D.G. et al.	PHYSICAL REVIEW C	2017
37	CAKE: The coincidence array for K600 experiments	DANIEL JOSE MARIN LAMBARRI Adsley P. Neveling R. et al.	JOURNAL OF INSTRUMENTATI ON	2017
38	Re-examining the Mg 26 ( $\alpha, \alpha'$ ) Mg 26 reaction: Probing astrophysically important states in Mg 26	DANIEL JOSE MARIN LAMBARRI Adsley, P. Brummer, J. W. et al.	PHYSICAL REVIEW C	2017
39	Evidence for triangular D3h symmetry in C 12	ROELOF BIJKER Freer, M. Gai, M. et al.	PHYSICAL REVIEW LETTERS	2014
40	The Rotation-Vibration Structure of C-12	ROELOF BIJKER Gai M. Freer M. et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2014



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**Reporte de Producción Académica**



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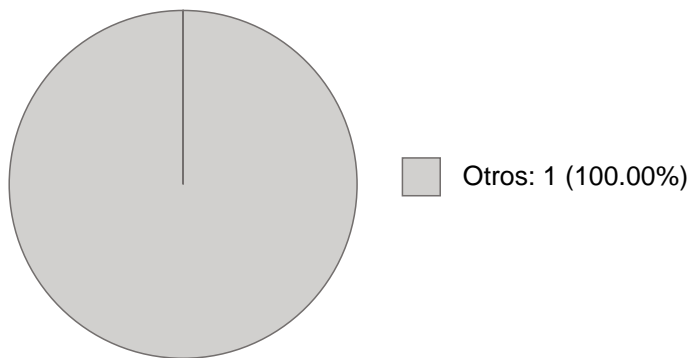
41	A newly observed state in $^{12}\text{C}$ -characterisation and consequences	DANIEL JOSE MARIN LAMBARRI Freer M. Kokalova T. et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2014
42	A measurement of correlation parameters in the decay of polarized free neutrons: The abBA experiment	LIBERTAD BARRON PALOS EFRAIN RAFAEL CHAVEZ LOMELI QUIELA MARINA CURIEL GARCIA et al.	28TH INTERNATIONAL NUCLEAR PHYSICS CONFERENCE, INPC 2022	2010
43	Elastic scattering of neutrons on $\text{Pb-nat}$ at forward angles	EFRAIN RAFAEL CHAVEZ LOMELI P. Rodriguez A. Huerta et al.	EUROPEAN PHYSICAL JOURNAL A	2009
44	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



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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	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.	Conferenc e Paper	2018	9789290835196





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## **PARTICIPACIÓN EN PROYECTOS**

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

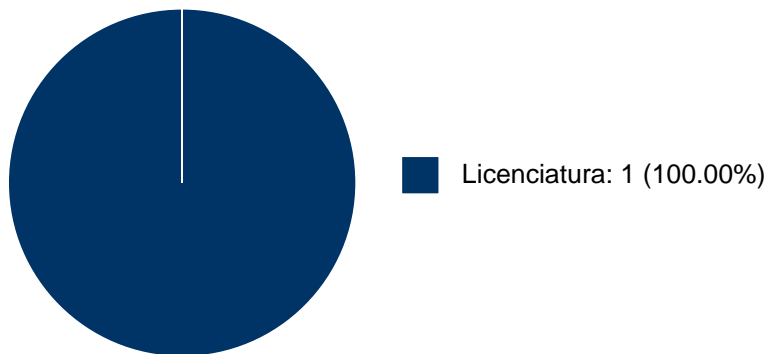
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## PARTICIPACIÓN EN TESIS

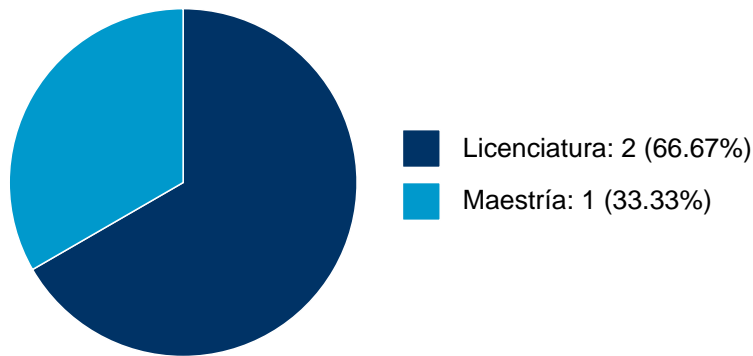
### Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Medida de la sección eficaz de la reacción nuclear $9\text{Be}(n,?)^{10}\text{Be}$ utilizando la técnica de espectrometría de masas con aceleradores	Tesis de Licenciatura	DANIEL JOSE MARIN LAMBARRI,	Sánchez Zúñiga, Ebanibaldo,		2019

## DOCENCIA IMPARTIDA

### Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	4	2021-1
2	Licenciatura	INTRODUC.A LA FISICA NUCLEAR	Facultad de Ciencias	7	2020-1
3	Maestría	LABORATORIO AVANZADO	Instituto de Física	1	2018-2



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**Dirección General de Evaluación Institucional**  
**Reporte de Producción Académica**



**DANIEL JOSE MARIN LAMBARRI**

**TUTORIAS EN POSGRADO**

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

**DANIEL JOSE MARIN LAMBARRI**



**Sistema Integral de Información Académica**  
**Dirección General de Evaluación Institucional**  
**Reporte de Producción Académica**



**DANIEL JOSE MARIN LAMBARRI**

**PATENTES**

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

**DANIEL JOSE MARIN LAMBARRI**



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## FUENTES DE INFORMACIÓN

### Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2024
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2024
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2023
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

### Externos

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