



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



EDUARDO MORENO BARBOSA

Datos Generales

Nombre: EDUARDO MORENO BARBOSA

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último: OTROS POSDOCTOR POSDOCTOR TC No Definitivo
Instituto de Física
Desde 01-03-2006 hasta 29-02-2008

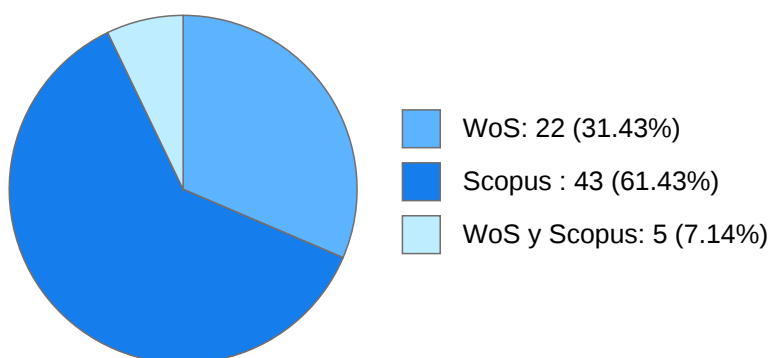
Estímulos, programas, premios y reconocimientos

No cuenta con estímulos, programas, premios y reconocimientos

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	A measurement of the all-particle energy spectrum of cosmic rays from 1013 to 1015eV using HAWC	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	ASTROPARTICLE PHYSICS	2025
2	Absence of TeV halos around millisecond pulsars	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	PHYSICAL REVIEW D	2025
3	High-altitude characterization of the Hunga pressure wave with cosmic rays by the HAWC observatory	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	ADVANCES IN SPACE RESEARCH	2024
4	Exploring the Coronal Magnetic Field with Galactic Cosmic Rays: The Sun Shadow Observed by HAWC	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	ASTROPHYSICAL JOURNAL	2024
5	Performance of the HAWC Observatory and TeV Gamma-Ray Measurements of the Crab Nebula with Improved Extensive Air Shower Reconstruction Algorithms	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	ASTROPHYSICAL JOURNAL	2024

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6	Observation of the Galactic Center PeVatron beyond 100 TeV with HAWC	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	ASTROPHYSICAL JOURNAL LETTERS	2024
7	Ultra-high-energy gamma-ray bubble around microquasar V4641 Sgr	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	Nature	2024
8	Multiwavelength Investigation of γ -Ray Source MGRO J1908+06 Emission Using Fermi-LAT, VERITAS and HAWC	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	ASTROPHYSICAL JOURNAL	2024
9	Testing the molecular cloud paradigm for ultra-high-energy gamma ray emission from the direction of SNR G106.3+2.7	JOSE RUBEN ALFARO MOLINA DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	ASTRONOMY & ASTROPHYSICS	2024
10	The Southern Wide-field Gamma-ray Observatory	JOSE RUBEN ALFARO MOLINA ROBERTO ARCEO REYES ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2024
11	Low-cost Oceanographic Buoy for Evaluating the Mechanical Resistance of a Water Cherenkov Detector to be deployed on a high-altitude Natural Lake in Perú	JOSE RUBEN ALFARO MOLINA ROBERTO ARCEO REYES ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2024
12	Estimating the potential of SWGO to measure the composition-dependent behaviour of the CR anisotropy	JOSE RUBEN ALFARO MOLINA ROBERTO ARCEO REYES ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2024
13	Beyond the Standard Model with SWGO	JOSE RUBEN ALFARO MOLINA ROBERTO ARCEO REYES ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2024
14	Manufacture Details of a SWGO Double-Layer Tank Design - Water Cherenkov Detector Prototype	JOSE RUBEN ALFARO MOLINA ROBERTO ARCEO REYES ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2024

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15	Updates on the Lake Design for SWGO	JOSE RUBEN ALFARO MOLINA ROBERTO ARCEO REYES ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2024
16	Sb for gamma / hadron separation in SWGO	LUKAS NELLEN FILLA JOSE RUBEN ALFARO MOLINA ROBERTO ARCEO REYES et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2024
17	Status of the SWGO air shower reconstruction using a template-based likelihood method	JOSE RUBEN ALFARO MOLINA ROBERTO ARCEO REYES ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2024
18	Potential Use of State-of-the-Art TDCs for Particle Identification in Particle Physics Experiments	EDUARDO MORENO BARBOSA Arredondo-Velazquez M. Rebolledo-Herrera L. et al.	IEEE INSTRUMENTATI ON & MEASUREMENT MAGAZINE	2023
19	Detailed Analysis of the TeV gamma-Ray Sources 3HWC J1928+178, 3HWC J1930+188, and the New Source HAWC J1932+192	DANIEL OMAR AVILA ROJAS ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO MARIA CATALINA ESPINOZA HERNANDEZ et al.	ASTROPHYSICAL JOURNAL	2023
20	Trimmed-TDL-Based TDC Architecture for Time-of-Flight Measurements Tested on a Cyclone V FPGA	EDUARDO MORENO BARBOSA Arredondo-Velazquez M. Rebolledo-Herrera L. et al.	IEEE TRANSACTIONS ON INSTRUMENTATI ON AND MEASUREMENT	2023
21	Trimmed-TDL-Based Time-to-Digital Converter for Time-of-Flight Applications Implemented on Cyclone V FPGA	EDUARDO MORENO BARBOSA Arredondo-Velázquez M. Rebolledo-Herrera L. et al.	Lecture Notes In Networks And Systems	2023
22	Validation of standardized data formats and tools for ground-level particle-based gamma-ray observatories	JOSE RUBEN ALFARO MOLINA ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO MARIA CATALINA ESPINOZA HERNANDEZ et al.	ASTRONOMY & ASTROPHYSICS	2022
23	Status and initial physics performance studies of the MPD experiment at NICA	JOSE ALEJANDRO AYALA MERCADO WOLFGANG PETER BIETENHOLZ ELEAZAR CUAUTLE FLORES et al.	EUROPEAN PHYSICAL JOURNAL A	2022

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24	Follow-up Analysis to Geminga's Contribution to the Local Positron Excess with the HAWC gamma-ray Observatory	JOSE RUBEN ALFARO MOLINA JOSE ROBERTO ANGELES CAMACHO DANIEL OMAR AVILA ROJAS et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022
25	Simulating the performance of the Southern Wide-view Gamma-ray Observatory	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO NISSIM ILICH FRAIJA CABRERA JOSÉ ANDRÉS GARCIA GONZALEZ et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022
26	Study of water Cherenkov detector designs for the SWGO experiment	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO NISSIM ILICH FRAIJA CABRERA JOSÉ ANDRÉS GARCIA GONZALEZ et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022
27	Searching for Dark Matter with the Southern Wide-field Gamma-ray Observatory (SWGO)	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO NISSIM ILICH FRAIJA CABRERA EDUARDO MORENO BARBOSA et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022
28	Double-layered Water Cherenkov Detector for SWGO	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO NISSIM ILICH FRAIJA CABRERA EDUARDO MORENO BARBOSA et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022
29	Monitoring Gamma-Ray Burst VHE emission with the Southern Wide-field-of-view Gamma-ray Observatory	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO NISSIM ILICH FRAIJA CABRERA EDUARDO MORENO BARBOSA et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022
30	AEROSITE: Autonomous Environmental and Scientific SWGO site Characterization Instrument	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO NISSIM ILICH FRAIJA CABRERA EDUARDO MORENO BARBOSA et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022
31	Lake Deployment of Southern Wide-field Gamma-ray Observatory (SWGO) Detector Units	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO NISSIM ILICH FRAIJA CABRERA EDUARDO MORENO BARBOSA et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022

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32	Galactic Science with the Southern Wide-field Gamma-ray Observatory	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO NISSIM ILLICH FRAIJA CABRERA EDUARDO MORENO BARBOSA et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2022
33	HAWC and Fermi-LAT Detection of Extended Emission from the Unidentified Source 2HWC J2006+341	JOSE RUBEN ALFARO MOLINA JOSE ROBERTO ANGELES CAMACHO DANIEL OMAR AVILA ROJAS et al.	ASTROPHYSICAL JOURNAL LETTERS	2020
34	Electric charge estimation using a SensL SiPM	EDUARDO MORENO BARBOSA Zepeda-Fernández C.H. Rebolledo-Herrera L.F. et al.	JOURNAL OF INSTRUMENTATION	2020
35	LET-dependent intertrack yields in proton irradiation at ultra-high dose rates relevant for FLASH therapy	EDUARDO MORENO BARBOSA Ramos-Méndez J. Domínguez-Kondo N. et al.	RADIATION RESEARCH	2020
36	Independent reaction times method in Geant4-DNA: Implementation and performance	EDUARDO MORENO BARBOSA Ramos-Méndez J. Shin W.-G. et al.	MEDICAL PHYSICS	2020
37	Luminescent properties of titania doped with nanoparticles of gadolinium oxide and europium	JOSE JUAN GERVACIO ARCINIEGA EDUARDO MORENO BARBOSA Trejo-García P. et al.	CERAMICS INTERNATIONAL	2020
38	All-particle cosmic ray energy spectrum measured by the HAWC experiment from 10 to 500 TeV	ERNESTO JOSE MARIA DE LA SALETE BELMONT MORENO OLIVIA LIZETH ENRIQUEZ RIVERA NISSIM ILLICH FRAIJA CABRERA et al.	PHYSICAL REVIEW D	2017
39	Calibration of large water-cherenkov detector at the sierra negra site of LAGO	EDUARDO MORENO BARBOSA Galindo A. Carrasco E. et al.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2015
40	Response of a hybrid pixel detector (MEDIPIX3) to different radiation sources for medical applications	EDUARDO MORENO BARBOSA Chumacero E.M. De Celis Alonso B. et al.	AIP Conference Proceedings	2014
41	System for photo multiplier tubes characterization and data acquisition for water Cherenkov detectors	EDUARDO MORENO BARBOSA Rosales M.J.B. Carrasco E. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2014

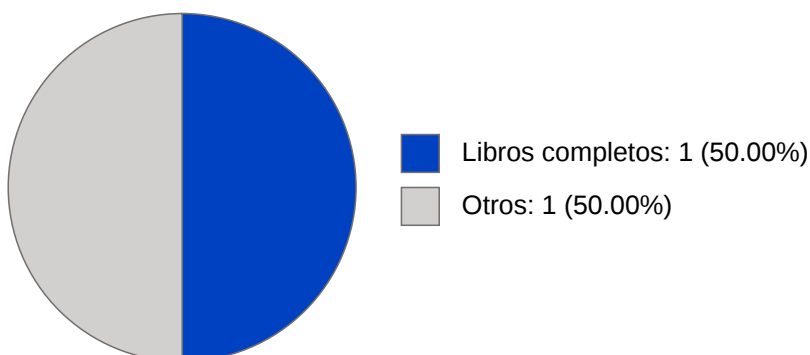
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42	Calibration of the surface array of the Pierre Auger Observatory	EDUARDO MORENO BARBOSA Bertou X. Allison P.S. et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATO RS SPECTROMETER S DETECTORS AND ASSOCIATED EQUIPMENT	2006
43	Air shower array at the university of Puebla for the study of cosmic rays	EDUARDO MORENO BARBOSA Cotzomi J. Martínez O. et al.	REVISTA MEXICANA DE FISICA	2005

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Tendencia reciente en la educación probabilística y estadística	ARMANDO CERVANTES SANDOVAL PATRICIA RIVERA GARCIA ELIZABETH HERNANDEZ ARREDONDO et al.	Libro Completo	2019	9786075256412
2	Simulations of a sectioned water cherenkov detector for upgrading the lago experiment in sierra negra.	EDUARDO MORENO BARBOSA Galindo-Téllez A. Torres I. et al.	Conferenc e Paper	2013	9788589064293



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DOCENCIA IMPARTIDA

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PATENTES

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

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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