



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



PABLO ROIG GARCES

Datos Generales

Nombre: PABLO ROIG GARCES

Máximo nivel de estudios:

Antigüedad académica en la UNAM: 1 año, 3 meses, 16 días

Nombramientos

Último: PROFESOR ASIGNATURA A TP No Definitivo
Facultad de Ciencias
Desde 01-01-2015 hasta 15-02-2015

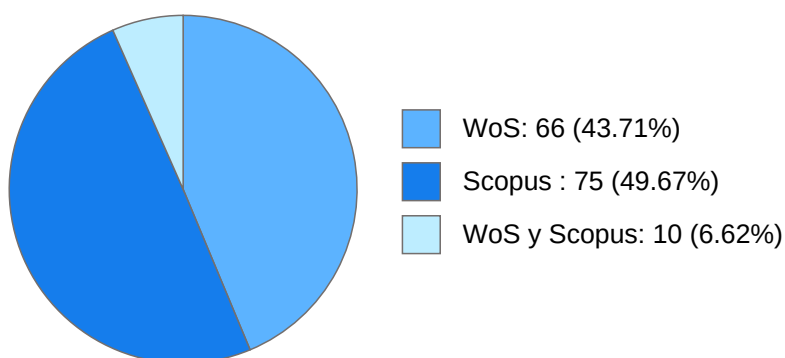
Estímulos, programas, premios y reconocimientos

SNI III 2022 - 2023
SNI II 2018 - 2021
SNI I 2015 - 2017

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Impact of ATLAS constraints on effective dark matter-standard model interactions with spin-one mediators	FABIOLA ELENA FORTUNA MONTECILLO PABLO ROIG GARCES	PHYSICAL REVIEW D	2023
2	Pion and Kaon box contribution to a_μ^{HLbL}	PABLO ROIG GARCES Miramontes A. Bashir A. et al.	PHYSICAL REVIEW D	2022
3	Improved description of dilepton production in $t\text{-}\bar{t}$ decays	PABLO ROIG GARCES Guevara A. López Castro G.	PHYSICAL REVIEW D	2022
4	Axial-vector exchange contribution to the hyperfine splitting	PABLO ROIG GARCES Miranda A. Sánchez-Puertas P.	PHYSICAL REVIEW D	2022
5	Flavor violating muon decay into an electron and a light gauge boson	PABLO ROIG GARCES Ibarra A. Marín M.	PHYSICS LETTERS B	2022
6	The interplay of transverse degrees of freedom and axial-vector mesons with short-distance constraints in $g - 2$	PABLO ROIG GARCES Masjuan P. Sanchez-Puertas P.	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	2022
7	Lepton flavour violation in hadron decays of the tau lepton within the lightest Higgs model with T-parity	PABLO ROIG GARCES Pacheco I.	JOURNAL OF HIGH ENERGY PHYSICS	2022
8	Effective field theory analysis of dark matter-standard model interactions with spin one mediators	PABLO ROIG GARCES Fortuna F. Wudka J.	JOURNAL OF HIGH ENERGY PHYSICS	2021

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9	Lepton-pair production in dipion t lepton decays	PABLO ROIG GARCES Gutiérrez Santiago J.L. López Castro G.	PHYSICAL REVIEW D	2021
10	Radiative corrections to $t \rightarrow p(K) \tau [?]$: A reliable new physics test	MARCO ANTONIO ARROYO UREÑA PABLO ROIG GARCES Hernández-Tomé G. et al.	PHYSICAL REVIEW D	2021
11	The anomalous magnetic moment of the muon in the Standard Model	PABLO ROIG GARCES Aoyama T. Asmussen N. et al.	PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS	2020
12	New t -based evaluation of the hadronic contribution to the vacuum polarization piece of the muon anomalous magnetic moment	PABLO ROIG GARCES Miranda J.A.	PHYSICAL REVIEW D	2020
13	Exclusive hadronic tau decays as probes of non-SM interactions	ALEJANDRO MIRANDA GOMEZ JUAN LUIS RENDON GOMEZ PABLO ROIG GARCES et al.	PHYSICS LETTERS B	2020
14	Erratum: The Belle II Physics Book (Progress of Theoretical and Experimental Physics (2019) 2019 (123C01) DOI: 10.1093/ptep/ptz106)	PEDRO SERGIO URQUIJO TORRES PABLO ROIG GARCES SUJAY PAUL et al.	PROGRESS OF THEORETICAL AND EXPERIMENTAL PHYSICS	2020
15	Erratum to: Flavor violating leptonic decays of t and μ leptons in the Standard Model with massive neutrinos (The European Physical Journal C, (2019), 79, 1, (84), 10.1140/epjc/s10052-019-6563-4)	PABLO ROIG GARCES Hernández-Tomé G. López Castro G.	EUROPEAN PHYSICAL JOURNAL C	2020
16	Effects of heavy Majorana neutrinos on lepton flavor violating processes	PABLO ROIG GARCES Hernández-Tomé G. Illana J.I. et al.	PHYSICAL REVIEW D	2020
17	Contribution of neutral pseudoscalar mesons to a_μ^{HLbL} within a Schwinger-Dyson equations approach to QCD	ADNAN BASHIR PABLO ROIG GARCES Raya K.	PHYSICAL REVIEW D	2020
18	Axial-vector exchange contribution to the hadronic light-by-light piece of the muon anomalous magnetic moment	PABLO ROIG GARCES Sanchez-Puertas P.	PHYSICAL REVIEW D	2020
19	The Belle II physics book	PEDRO SERGIO URQUIJO TORRES PABLO ROIG GARCES SUJAY PAUL et al.	PROGRESS OF THEORETICAL AND EXPERIMENTAL PHYSICS	2019
20	Effective-field theory analysis of the $\tau(-) \rightarrow (K \pi)(-)\nu(\tau)$ decays	PABLO ROIG GARCES GENARO TOLEDO SANCHEZ Javier Rendon	PHYSICAL REVIEW D	2019

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21	A dispersive analysis of the pion vector form factor and $t \rightarrow K^* K$ decay	PABLO ROIG GARCES González-Solís S.	EUROPEAN PHYSICAL JOURNAL C	2019
22	Effective field theory analysis for lepton-flavor violating interactions in presence of a boson	PABLO ROIG GARCES	ACTA PHYSICA POLONICA B	2019
23	Flavor violating leptonic decays of t and μ leptons in the Standard Model with massive neutrinos	PABLO ROIG GARCES Hernández-Tomé G. López Castro G.	EUROPEAN PHYSICAL JOURNAL C	2019
24	Pseudoscalar pole contribution to the hadronic light-by-light piece of a_μ	PABLO ROIG GARCES Guevara A. Sanz Cillero J.J.	EOS ANNUAL MEETING, EOSAM 2024	2018
25	Chiral symmetry breaking corrections to the pseudoscalar pole contribution of the Hadronic Light-by-Light piece of a_μ	PABLO ROIG GARCES Guevara A. Cillero J.J.S.	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2018
26	Pseudoscalar pole light-by-light contributions to the muon $(g - 2)$ in resonance chiral theory	PABLO ROIG GARCES Guevara A. Sanz-Cillero J.J.	JOURNAL OF HIGH ENERGY PHYSICS	2018
27	Effective-field theory analysis of the $t \rightarrow p \gamma$ decays	PABLO ROIG GARCES Miranda J.A.	JOURNAL OF HIGH ENERGY PHYSICS	2018
28	Preface	PABLO ROIG GARCES Bautista I. De La Cruz Burelo E. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2017
29	G-parity breaking in $t \rightarrow p \gamma$ decays induced by the $\gamma^* \rightarrow \gamma \gamma$ form factor	PABLO ROIG GARCES Hernández-Tomé G. López Castro G.	PHYSICAL REVIEW D	2017
30	Sum-rule constraints on possible diphoton resonances at LHC	PABLO ROIG GARCES Sanz-Cillero, J.J.	EOS ANNUAL MEETING, EOSAM 2024	2017
31	$t \rightarrow p \gamma$ decays as background in the search for second class currents	PABLO ROIG GARCES Guevara, A. López-Castro, G.	PHYSICAL REVIEW D	2017
32	Lepton flavor violation in the Simplest Little Higgs model	PABLO ROIG GARCES	Nuclear And Particle Physics Proceedings	2017
33	Effective-field theory analysis of the $t \rightarrow p \gamma$ decays	ESTELA ALEJANDRA GARCES GARCIA PABLO ROIG GARCES Hernández Villanueva M. et al.	JOURNAL OF HIGH ENERGY PHYSICS	2017

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34	L? III'?L in the SM and beyond	ALAIN FLORES TLALPA GABRIEL LOPEZ CASTRO PABLO ROIG GARCES	Journal of University of Science and Technology of China	2016
35	Lightest pseudoscalar exchange contribution to light-by-light scattering piece of the muon g-2	PABLO ROIG GARCES GABRIEL LOPEZ CASTRO Guevara, Adolfo	Nuclear And Particle Physics Proceedings	2016
36	Towards the (Mexican) discovery of second class currents at Belle-II	PABLO ROIG GARCES	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
37	Lepton flavor violation in hadronic decays of the tau lepton in the simplest little Higgs model	PABLO ROIG GARCES Lami A. Portolés J.	PHYSICAL REVIEW D	2016
38	Five-body leptonic decays of muon and tau lepton	ALAIN FLORES TLALPA PABLO ROIG GARCES Castro G.L.	JOURNAL OF HIGH ENERGY PHYSICS	2016
39	Broad diphoton resonance at the TeV? Not alone	PABLO ROIG GARCES Sanz-Cillero, J.J.	PHYSICAL REVIEW D	2016
40	30th Annual Meeting of the Division of Particles and Fields (DPyC) of the Mexican Physical Society & XV Mexican Workshop on Particles and Fields (MWPF)	PABLO ROIG GARCES Cruz Burelo, E.D.L. Téllez, A.F.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2016
41	H ? ' in the simplest little Higgs model	PABLO ROIG GARCES Lami, A.	PHYSICAL REVIEW D	2016
42	Predictions on the second-class current decays $t^- \rightarrow p^- ? (?) ? t$	PABLO ROIG GARCES Escribano, R. González-Solís, S.	PHYSICAL REVIEW D	2016
43	Long-distance weak annihilation contribution to the $B^\pm \rightarrow (p^\pm, K^\pm) l^+ l^-$ decays	PABLO ROIG GARCES Guevara A. López Castro G. et al.	PHYSICAL REVIEW D	2015
44	Low's soft photon corrections to dipion tau decays and their impact on a_μ	PABLO ROIG GARCES GENARO TOLEDO SANCHEZ López Castro G.	Nuclear And Particle Physics Proceedings	2015
45	Resonance Chiral Lagrangians and alternative approaches to hadronic tau decays	PABLO ROIG GARCES	Nuclear And Particle Physics Proceedings	2015
46	Failure of Breit-Wigner and success of dispersive descriptions of the $t^- \rightarrow K^- ? ? t$ decays	PABLO ROIG GARCES	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2015

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47	Assessing the accuracy of the Brodsky-Lepage prediction	PABLO ROIG GARCES Juan Jose Sanz-Cillero	Nuclear And Particle Physics Proceedings	2015
48	VVP form factors in resonance chiral theory and the $p \rightarrow \pi^0 \gamma$ light-by-light contribution to the muon $g-2$	PABLO ROIG GARCES Guevara, A. Lopez Castro, G.	PHYSICAL REVIEW D	2014
49	Consistent high-energy constraints in the anomalous QCD sector	PABLO ROIG GARCES Sanz Cillero, Juan Jose	PHYSICS LETTERS B	2014
50	Combined analysis of the decays $\tau(-) \rightarrow K S \pi(-) \nu(\tau)$ and $\tau(-) \rightarrow K^- \eta \nu(\tau)$	PABLO ROIG GARCES Escribano, R. Gonzalez-Solis, S. et al.	JOURNAL OF HIGH ENERGY PHYSICS	2014
51	A model of duality violations	PABLO ROIG GARCES Descotes-Genon S.	NUCL PHYS B-PROC SUP	2014
52	Dispersive analysis of $t \rightarrow p \pi^0$ Belle data	PABLO ROIG GARCES Dumm D.G.	NUCL PHYS B-PROC SUP	2014
53	RChL currents in Tauola: Implementation and fit parameters	PABLO ROIG GARCES Shekhovtsova O. Nugent I.M. et al.	NUCL PHYS B-PROC SUP	2014
54	Dispersive representation of the pion vector form factor in $t \rightarrow p \pi^0$ decays	PABLO ROIG GARCES Dumm D.G.	EUROPEAN PHYSICAL JOURNAL C	2013
55	Weak radiative pion vertex in $t \rightarrow p \pi^0$ decays	PABLO ROIG GARCES Guevara A. López Castro G.	PHYSICAL REVIEW D	2013
56	$t \rightarrow K^* \pi^0$ decays in Chiral Perturbation Theory with resonances	PABLO ROIG GARCES Escribano R. González-Solís S.	JOURNAL OF HIGH ENERGY PHYSICS	2013
57	Hadronic currents for $t \rightarrow p \pi^0$ and other decays of interest in TAUOLA	PABLO ROIG GARCES	NUCL PHYS B-PROC SUP	2012
58	Resonance Chiral Lagrangian analysis of $t \rightarrow p \pi^0$	PABLO ROIG GARCES Gómez Dumm D.	PHYSICAL REVIEW D	2012
59	Theoretical inputs and errors in the new hadronic currents in TAUOLA	PABLO ROIG GARCES Nugent I.M. Przedzinski T. et al.	AIP Conference Proceedings	2012
60	Resonance chiral Lagrangian currents and t decay Monte Carlo	PABLO ROIG GARCES Shekhovtsova O. Przedzinski T. et al.	PHYSICAL REVIEW D	2012
61	MC generator TAUOLA: Implementation of resonance chiral theory for two and three meson modes. Comparison with experiment	PABLO ROIG GARCES Shekhovtsova O. Nugent I.M. et al.	AIP Conference Proceedings	2012
62	Precise determination of the c mass and width in the radiative $J/\psi \rightarrow c \bar{c} \gamma$ decay	PABLO ROIG GARCES Brambilla N. Vairo A.	AIP Conference Proceedings	2011
63	$G \rightarrow p \pi^0$ as a source of background on the lepton-flavour violating decay $t \rightarrow \mu^- \gamma$	PABLO ROIG GARCES Guo Z.-H.	NUCL PHYS B-PROC SUP	2011
64	$t \rightarrow p p \pi^0$ decays and the $a_1(1260)$ off-shell width revisited	PABLO ROIG GARCES Gómez Dumm D. Pich A. et al.	PHYSICS LETTERS B	2010

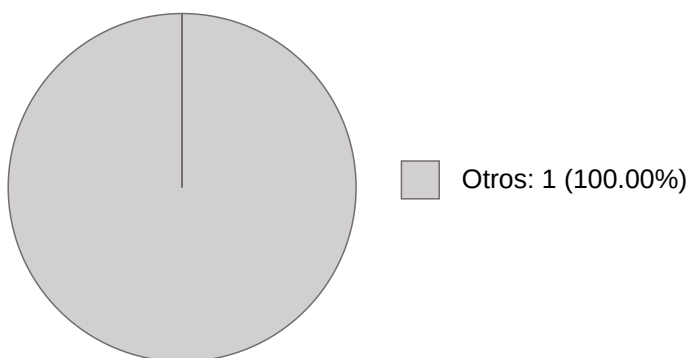
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65	Hadron structure in $t\bar{t}KKp\bar{t}$ decays	PABLO ROIG GARCES Gómez Dumm D. Pich A. et al.	PHYSICAL REVIEW D	2010
66	Quest for precision in hadronic cross sections at low energy: Monte Carlo tools vs. experimental data	PABLO ROIG GARCES Actis S. Arbuzov A. et al.	EUROPEAN PHYSICAL JOURNAL C	2010
67	$t \rightarrow \eta; p \rightarrow p_0$ and $s(e+e \rightarrow p+-)$ at low energies	PABLO ROIG GARCES	NUCL PHYS B-PROC SUP	2010
68	One-meson radiative tau decays	PABLO ROIG GARCES Guo Z.-H.	PHYSICAL REVIEW D	2010
69	Improving the Hadronization of QCD currents in TAUOLA and PHOKHARA	PABLO ROIG GARCES	NUCL PHYS B-PROC SUP	2009
70	Hadronization in three meson channels at tau decays and $e+e$ -cross-section	PABLO ROIG GARCES	36TH INTERNATIONAL COSMIC RAY CONFERENCE, ICRC2019	2009
71	Hadronic t decays into two and three meson modes within resonance chiral theory	PABLO ROIG GARCES	Frascati Physics Series	2009
72	Hadronic matrix elements for TAUOLA: $3p$ and KKp channels	PABLO ROIG GARCES	NUCL PHYS B-PROC SUP	2009
73	A Proposal for improving the Hadronization of QCD currents in TAUOLA	PABLO ROIG GARCES	NUCL PHYS B-PROC SUP	2008
74	Hadronization in $t \rightarrow KKf\bar{t}$ decays	PABLO ROIG GARCES	43rd Rencontres De Moriond On Qcd And High Energy Interactions	2008
75	Hadronic decays of the tau lepton into KKp modes within Resonance Chiral Theory	PABLO ROIG GARCES	AIP Conference Proceedings	2007

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	A new long distance contribution to $B^\pm \rightarrow K^\pm/p^\pm l^\pm l^\mp$ decays	PABLO ROIG GARCES Guevara A. López Castro G. et al.	Conferenc e Paper	2015	978295464007 5



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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

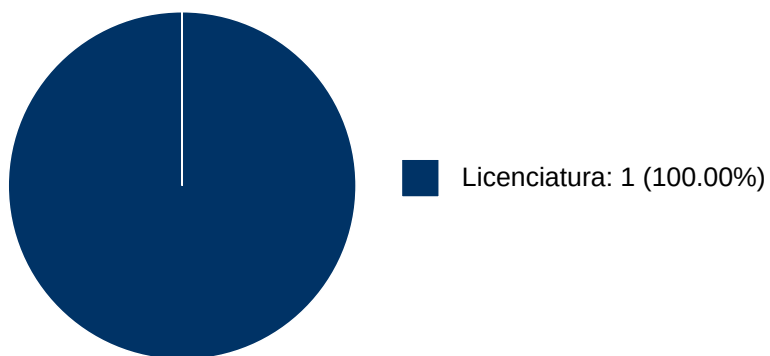
No se encuentran registros en la base de datos de TESIUNAM asociados a:

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	FISICA CONTEMPORANEA	Facultad de Ciencias	19	2015-1



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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