

PUBLICACIONES AÑO 2018

A nonlinear global model of single frequency capacitively coupled plasma and its experimental validation, Saikia P., Bhuyan H., Escalona M., Favre M., Rawat R.S., Wyndham E.. Aip Advances 8, - (2018) url	Bhuyan - Heman Wyndham Hodder Edmund Sydenham Favre Dominguez Mario Benjamin
A Note on the Uniqueness of the dRGT Massive Gravity Theory. The D = 3 Case, Bañados M.. Gravitation And Cosmology 24, 321-330 (2018) url	Bañados Lira Maximo
A regular scale-dependent black hole solution, Contreras, E; Rincon, A; Koch, B; Bargueno, P. International Journal Of Modern Physics D 27, - (2018) url	Koch - Benjamin
A search for pair-produced resonances in four-jet final states at ?s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
A search for resonances decaying into a Higgs boson and a new particle X in the XH ? qqbb final state with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 779, 24-45 (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Ab initio study of the magnetic behavior of metal hydrides: A comparison with the Slater-Pauling curve, Leon A., Velasquez E.A., Mejia-Lopez J., Vargas P.. Computational Materials Science 141, 122-126 (2018) url	Mejia Lopez Jose Felix
Angular analysis of Bd 0 ? K ? ? + ? ? decays in pp collisions at ?s=8 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H.,	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio

Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	
Application of FORC distributions to the study of magnetic interactions in Co-doped BaTiO ₃ nanomaterials, Fuentes S., Pizarro H., Gutierrez P., Diaz-Droguett D.E., Barraza N.. Materials Science And Engineering B: Solid-state Materials For Advanced Technology 227, 39-47 (2018) url	Diaz D. Droguett Donovan Enrique
Bose-Einstein graviton condensate in a Schwarzschild black hole, Alfaro J., Espriu D., Gabbanelli L.. Classical And Quantum Gravity 35, - (2018) url	Alfaro Solis Jorge Luis
Bridging the two order parameters for the QCD deconfinement phase transition, Carlomagno J.P., Loewe M.. Epj Web Of Conferences 172, - (2018) url	Loewe Lobo Marcelo Patricio
Characterization of a Liner-on-Target Gas Injector for Staged Z-Pinch Experiments, Conti, F; Valenzuela, JC; Aybar, N; Wessel, FJ; Ross, MP; Narkis, J; Rahman, HU; Ruskov, E; Beg, FN. Ieee Transactions On Plasma Science 46, 3855-3863 (2018) url	Valenzuela Ahumada Julio
Coherent population trapping with a controlled dissipation: Applications in optical metrology, Nicolas L., Delord T., Jamonneau P., Coto R., Maze J., Jacques V., Hetet G.. New Journal Of Physics 20, - (2018) url	Maze Rios Jeronimo
Combination of inclusive and differential (Formula Presented) charge asymmetry measurements using ATLAS and CMS data at (Formula Presented)= 7 and 8 TeV, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Combination of searches for heavy resonances decaying into bosonic and leptonic final states using 36 fb ⁻¹ of proton-proton collision data at s =13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Combination of the Searches for Pair-Produced Vectorlike Partners of the Third-Generation Quarks at s =13 TeV with the ATLAS Detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review Letters 121, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio

Combined measurement of differential and total cross sections in the H????? and the H???ZZ????4? decay channels at s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 786, 114-133 (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Comparative study on the hydrogen storage capacity of crystalline and amorphous nanomaterials of MoO ₃ : effect of a catalytic Pd capping, Rojas S., Roble M., Morales-Ferreiro J.O., Diaz-Droguett D.E.. Ionics 24, 3101-3111 (2018) url	Diaz D. Droguett Donovan Enrique
Comparison between simulated and observed LHC beam backgrounds in the ATLAS experiment at E-beam=4 TeV, Aaboud, M; Aad, G; Abbott, B; Abdinov, O; Abeloos, B; Abidi, SH; AbouZeid, OS; Abraham, NL; Abramowicz, H; Abreu, H; Abulaiti, Y; Acharya, BS; Adachi,.... Journal Of Instrumentation 13, - (2018) url	Ochoa Ricoux Juan Pedro
Constraints on off-shell Higgs boson production and the Higgs boson total width in ZZ??4? and ZZ??2? final states with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 786, 223-244 (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Cosmogenic neutron production at Daya Bay, An F.P., Balantekin A.B., Band H.R., Bishai M., Blyth S., Cao D., Cao G.F., Cao J., Chan Y.L., Chang J.F., Chang Y., Chen H.S., Chen S.M., Chen Y., Ch.... Physical Review D 97, - (2018) url	Ochoa Ricoux Juan Pedro
Direct top-quark decay width measurement in the tt? lepton+jets channel at ?s=8TeV with the ATLAS experiment, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Domain-wall dynamics for an in-plane magnetized thin film with a large perpendicular hard-axis anisotropy including the Dzyaloshinskii-Moriya interaction, Cardenas E.A., Depassier M.C.. Physical Review B 98, - (2018) url	Depassier Teran Maria Cristina
Dynamics of laser produced annular plasmas, Valenzuela-Villaseca V., Veloso F., Munoz-Cordovez G.,	Wyndham Hodder

Favre M., Ruiz H.M., Wyndham E.. Journal Of Physics: Conference Series 17426596, 17426596 (2018) url	Edmund Sydenham Favre Dominguez Mario Benjamin
Dynamics of laser produced annular plasmas, Valenzuela-Villaseca V., Veloso F., Munoz-Cordovez G., Favre M., Ruiz H.M., Wyndham E.. Journal Of Physics: Conference Series 17426596, 17426596 (2018) url	Veloso Espinosa Felipe
Effects of strontium/lanthanum co-doping on the dielectric properties of CaCu3Ti4O12 prepared by reactive sintering, Espinoza-Gonzalez R., Hevia S., Adrian A.. Ceramics International 44, 15588-15595 (2018) url	Hevia Zamora Samuel Alejandro
Electronic transport in torsional strained Weyl semimetals, Soto-Garrido, R; Munoz, E. Journal Of Physics-condensed Matter 30, --- (2018) url	Soto Garrido Rodrigo Andres Munoz Tavera Enrique
Emission of fast ions from conical wire array Z-pinches studied at different background pressures, Muñoz-Cordovez G., Veloso F., Valenzuela-Villaseca V., Vescovi M., Useche W., Wyndham E., Favre M.. Physics Of Plasmas 25, - (2018) url	Wyndham Hodder Edmund Sydenham Favre Dominguez Mario Benjamin
Emission of fast ions from conical wire array Z-pinches studied at different background pressures, Muñoz-Cordovez G., Veloso F., Valenzuela-Villaseca V., Vescovi M., Useche W., Wyndham E., Favre M.. Physics Of Plasmas 25, - (2018) url	Veloso Espinosa Felipe
Estimation of residual stresses in perovskite films for capacitor applications, Ramos-Moore, E; Leibenguth, P; Slawik, S; Coelho, RS; Horwat, D; Migot, S; Lechthaler, B; Mucklich, F. Thin Solid Films 648, 21-25 (2018) url	Ramos Moore Esteban
Evidence for the associated production of the Higgs boson and a top quark pair with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review D 97, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio

Exact result in strong wave turbulence of thin elastic plates, During G., Krstulovic G.. Physical Review E 97, - (2018) url	During Hidalgo Gustavo Alberto
Experimental study and analytical modelling of the effect of the driving frequencies on dual frequency capacitively coupled plasmas, Saikia P., Bora B., Schulze J., Bhuyan H.. Physics Of Plasmas 25, - (2018) url	Bhuyan - Heman
Functionalization of stable fluorescent nanodiamonds towards reliable detection of biomarkers for Alzheimer's disease, Morales-Zavala F., Casanova-Morales N., Gonzalez R.B., Chandia-Cristi A., Estrada L.D., Alvizu I., Waselowski V., Guzman F., Guerrero S., Oyarzun-Olavarria L.. Journal Of Nanobiotechnology 16, - (2018) url	Bhuyan - Heman Favre Dominguez Mario Benjamin Maze Rios Jeronimo
Geometrical frustration in nonlinear photonic lattices, Arevalo E., Morales-Molina L.. Physical Review A 98, - (2018) url	Morales Molina Luis Yansi Arevalo - Edward
Gravitational Collapse in Quantum Einstein Gravity, Bonanno, A; Koch, B; Platania, A. Foundations Of Physics 48, 1393-1406 (2018) url	Koch - Benjamin
Ground-state cooling of a nanomechanical oscillator with N spins, Montenegro V., Coto R., Eremeev V., Orszag M.. Physical Review A 98, - (2018) url	Orszag Posa Miguel
Heteroleptic Cu(i) complexes bearing methoxycarbonyl-imidoylindazole and POP ligands-an experimental and theoretical study of their photophysical properties, Gonzalez I.A., Henriquez M.A., Cortes-Arriagada D., Natali M., Daniliuc C.G., Dreyse P., Maze J., Rojas R.S., Salas C.O., Cabrera A.R.. New Journal Of Chemistry 42, 12576-12586 (2018) url	Maze Rios Jeronimo
Hydrogen adsorption properties of Ag decorated TiO2 nanomaterials, Rajendran S., Hoang T.K.A., Boukherroub R., Diaz-Droguett D.E., Gracia F., Gracia-Pinilla M.A., Akbari-Fakhrabadi A., Gupta V.K.. International Journal Of Hydrogen Energy 43, 2861-2868 (2018) url	Diaz D. Droguett Donovan Enrique
Hydrogen Sorption of Porous Tungsten Oxide Nanomaterial and Effect of a Pd Coating on its Storage Capacity Under Hydrogenation Cycles, Diaz-Droguett D.E., Rojas S., Roble M.. Nano 13, - (2018) url	Diaz D. Droguett Donovan Enrique
Impact of different biologically-adapted radiotherapy strategies on tumor control evaluated with a tumor	Gago Arias Maria Araceli

response model, Gago-Arias A., Sanchez-Nieto B., Espinoza I., Karger C.P., Pardo-Montero J.. Plos One 13, - (2018) url	Espinoza Bornscheuer Ignacio Guillermo
Impact of different biologically-adapted radiotherapy strategies on tumor control evaluated with a tumor response model, Gago-Arias A., Sanchez-Nieto B., Espinoza I., Karger C.P., Pardo-Montero J.. Plos One 13, - (2018) url	Sanchez Nieto Beatriz
Loop Corrections in Very Special Relativity Standard Model, Alfaro J.. Journal Of Physics: Conference Series 952, - (2018) url	Alfaro Solis Jorge Luis
Magnetic corrections to ?? Scattering lengths in the linear sigma model, Loewe M., Monje L., Zamora R.. Physical Review D 97, - (2018) url	Loewe Lobo Marcelo Patricio
Magnon diffusion theory for the spin Seebeck effect in ferromagnetic and antiferromagnetic insulators, Rezende S.M., Azevedo A., Rodriguez-Suarez R.L.. Journal Of Physics D: Applied Physics 51, - (2018) url	Rodriguez Suarez Roberto
Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s}=13\text{TeV}$, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Measurement of differential cross sections and $W + /W$ cross-section ratios for W boson production in association with jets at $\sqrt{s}=8\text{ TeV}$ with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Measurement of differential cross sections of isolated-photon plus heavy-flavour jet production in pp collisions at $s=8\text{ TeV}$ using the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 776, 295-317 (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s}=13\text{TeV}$ with ATLAS, Aaboud M., Aad G., Abbott B.,	Ochoa Ricoux Juan Pedro Diaz G.

Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... European Physical Journal C 78, - (2018) url	Gutierrez Marco Aurelio
Measurement of dijet azimuthal decorrelations in pp collisions at $s = 8$ TeV with the ATLAS detector and determination of the strong coupling, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Measurement of inclusive jet and dijet cross-sections in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Measurement of jet fragmentation in 5.02 TeV proton-lead and proton-proton collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdallah J., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti.... Nuclear Physics A 978, 65-106 (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Measurement of jet fragmentation in Pb+Pb and pp collisions at $s_{NN} = 5.02$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review C 98, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Measurement of long-range multiparticle azimuthal correlations with the subevent cumulant method in pp and p +Pb collisions with the ATLAS detector at the CERN Large Hadron Collider, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physical Review C 97, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro

<p>Measurement of quarkonium production in proton+lead and proton+proton collisions at 5.02TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdallah J., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti.... European Physical Journal C 78, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurement of tau polarisation in Z/gamma* -> tau tau decays in proton-proton collisions at root s=8 TeV with the ATLAS detector, Aaboudd, M; Aad, G; Abbott, B; Abdinov, O; Abeloos, B; Abidi, SH; AbouZeid, OS; Abraham, NL; Abrainowicz, H; Abreu, H; Abreu, R; Abulaiti, Y; Acharya,.... European Physical Journal C 78, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro Ochoa Ricoux Juan Pedro
<p>Measurement of temperature and density using non-collective X-ray Thomson scattering in pulsed power produced warm dense plasmas, Valenzuela J.C., Krauland C., Mariscal D., Krasheninnikov I., Niemann C., Ma T., Mabey P., Gregori G., Wiewior P., Covington A.M., Beg F.N.. Scientific Reports 8, - (2018) url</p>	Valenzuela Ahumada Julio
<p>Measurement of the azimuthal anisotropy of charged particles produced in ?sNN = 5.02TeV Pb+Pb collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... European Physical Journal C 78, - (2018) url</p>	Ochoa Ricoux Juan Pedro
<p>Measurement of the cross section for isolated-photon plus jet production in pp collisions at s=13 TeV using the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 780, 578-602 (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at ?s=13 TeV with ATLAS, The ATLAS collaboration, Aaboud M., Aad G., Abbott B., Abdallah J., Abdinov O., Abeloos B., Aben R., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu.... Journal Of High Energy Physics 2018, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro

<p>Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay, Adey, D; An, FP; Balantekin, AB; Band, HR; Bishai, M; Blyth, S; Cao, D; Cao, GF; Cao, J; Chan, YL; Chang, JF; Chang, Y; Chen, HS; Chen, SM; Chen, Y; C.... Physical Review Letters 121, - (2018) url</p>	Ochoa Ricoux Juan Pedro
<p>Measurement of the exclusive $\gamma\gamma \rightarrow \gamma\gamma$ process in proton+proton collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 777, 303-323 (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ \rightarrow 4\gamma$ decay channel at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurement of the Higgs boson mass in the $H \rightarrow ZZ \rightarrow 4\gamma$ and $H \rightarrow \tau\tau$ channels with $s=13\text{ TeV}$ pp collisions using the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 784, 345-366 (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurement of the inclusive and fiducial $t\bar{t} \rightarrow \ell\nu + jets$ production cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8\text{TeV}$ with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurement of the production cross section of three isolated photons in pp collisions at $\sqrt{s}=8\text{ TeV}$ using the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 781, 55-76 (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro

<p>Measurement of the production cross-section of a single top quark in association with a Z boson in proton+proton collisions at 13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 780, 557-577 (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurement of the Soft-Drop Jet Mass in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physical Review Letters 121, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro Ochoa Ricoux Juan Pedro
<p>Measurement of the suppression and azimuthal anisotropy of muons from heavy-flavor decays in Pb+Pb collisions at sNN =2.76 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review C 98, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurement of the W-boson mass in pp collisions at $\sqrt{s}=7$TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdallah J., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulait.... European Physical Journal C 78, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}$ events at $\sqrt{s}=13$ TeV, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Journal Of High Energy Physics 2018, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Journal Of High Energy Physics 2018, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Measurements of Higgs boson properties in the diphoton decay channel with 36 fb(-1) of pp collision data at root</p>	Ochoa Ricoux Juan Pedro

s=13 TeV with the ATLAS detector, Aaboud, M; Collaboration, A; Aad, G; Abbott, B; Abdinov, O; Abeloos, B; Abidi, SH; AbouZeid, OS; Abraham, NL; Abramowicz, H; Abreu, H; Abulaiti, Y; Ac.... Physical Review D 98, - (2018) url	Diaz G. Gutierrez Marco Aurelio
Measurements of t(t)over-bar differential cross-sections of highly boosted top quarks decaying to all-hadronic final states in pp collisions at root s=13 Te V using the ATLAS detector, Aaboud, M; Collaboration, A; Aad, G; Abbott, B; Abdinov, O; Abeloos, B; Abidi, SH; AbouZeid, OS; Abraham, NL; Abramowicz, H; Abreu, H; Abulaiti, Y; Ac.... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio Diaz G. Gutierrez Marco Aurelio
Modification of the Chemisorption Properties of Epitaxial Delafossite CuFeO ₂ Thin Films by Substituting Fe for Ga in the Crystal Structure, Rojas S., Joshi T., Wang Q., Holcomb M.B., Lederman D., Cabrera A.L.. Topics In Catalysis 61, 1193-1200 (2018) url	Cabrera Oyarzun Alejandro Leopoldo
Monte Carlo modelling of photon transport using Heterogeneous Computing, Doerner E., Rebolledo C., Gomez V.. Radiotherapy And Oncology 1043, - (2018) url	Dorner Yaksic Edgardo Andres
Nanometric thin films of non-doped diamond-like carbon grown on n-type (P-doped) silicon substrates as electrochemical electrodes, Hevia S.A., Bejide M., Duran B., Rosenkranz A., Ruiz H.M., Favre M., del Rio R.. Journal Of Solid State Electrochemistry 22, 2845-2853 (2018) url	Hevia Zamora Samuel Alejandro Favre Dominguez Mario Benjamin
Neural and behavioral correlates of negative self-focused thought in depression, CL Philippi, MD Cornejo, CP Frost, EC Walsh, RM Hoks, RM Birn, HC Abercrombie. Hum Brain Mapp 39, 2246-2257 (2018) url	Cornejo Ramirez Maria Daniela
Neural signaling of cortisol, childhood emotional abuse, and depression-related memory bias., HC Abercrombie, CP Frost, EC Walsh, RM Hoks, MD Cornejo, MC Sampe, AE Gaffey, DT Plante, CO Ladd, RM Birn. Biological Psychiatry. Cognitive Neuroscience And Neuroimaging 3, 274-284 (2018) url	Cornejo Ramirez Maria Daniela
Observation of Centrality-Dependent Acoplanarity for Muon Pairs Produced via Two-Photon Scattering in Pb+Pb Collisions at sNN =5.02 TeV with the ATLAS	Ochoa Ricoux Juan Pedro Diaz G.

Detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review Letters 121, - (2018) url	Gutierrez Marco Aurelio
Observation of $H\rightarrow bb\gamma$ decays and VH production with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 786, 59-86 (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Observation of Higgs boson production in association with a top quark pair at the LHC with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 784, 173-191 (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Operation and performance of the ATLAS Tile Calorimeter in Run 1, Aaboud M., Aad G., Abbott B., Abdallah J., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H..... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro
Optical conductivity and transparency in an effective model for graphene, Falomir H., Loewe M., Muoz E., Raya A.. Physical Review B 98, - (2018) url	Munoz Tavera Enrique Loewe Lobo Marcelo Patricio
Optical qubit generation via atomic postselection in a Ramsey interferometer, Orszag M., Oyarce F.. Physica Scripta 93, - (2018) url	Orszag Posa Miguel
Performance of missing transverse momentum reconstruction with the ATLAS detector using proton γ proton collisions at $\sqrt{s}=13\text{TeV}$, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Predicting the conductance of strongly correlated molecules: The Kondo effect in perchlorotriphenylmethyl/Au junctions, Appelt W.H., Droghetti A., Chioncel L., Radonjić M.M., Muoz E.,	Munoz Tavera Enrique

Kirchner S., Vollhardt D., Rungger I.. Nanoscale 10, 17738-17750 (2018) url	
Probing the Quantum Interference between Singly and Doubly Resonant Top-Quark Production in pp Collisions at s =13 TeV with the ATLAS Detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review Letters 121, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Prompt and non-prompt J/ ? and ?(2 S) suppression at high transverse momentum in 5.02TeV Pb+Pb collisions with the ATLAS experiment, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... European Physical Journal C 78, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Prompt and non-prompt J/ ? elliptic flow in Pb+Pb collisions at ?sNN=5.02 Tev with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... European Physical Journal C 78, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
QCD determination of the magnetic field dependence of QCD and hadronic parameters, Dominguez C.A., Loewe M., Villavicencio C.. Physical Review D 98, - (2018) url	Loewe Lobo Marcelo Patricio
Radiographic imaging of insects using a copper x-pinch plasma backlighting source, Vescovi M., Veloso F., Munoz-Cordovez G., Valenzuela-Villaseca V., Favre M., Wyndham E.. Journal Of Physics: Conference Series 17426596, 17426596 (2018) url	Wyndham Hodder Edmund Sydenham Favre Dominguez Mario Benjamin
Radiographic imaging of insects using a copper x-pinch plasma backlighting source, Vescovi M., Veloso F., Munoz-Cordovez G., Valenzuela-Villaseca V., Favre M., Wyndham E.. Journal Of Physics: Conference Series 17426596, 17426596 (2018) url	Veloso Espinosa Felipe
Reduced resting-state thalamostriatal functional connectivity is associated with excessive daytime sleepiness in persons with and without depressive disorders., DT Plante, RM Birn, EC Walsh, RM Hoks, MD Cornejo and HC Abercrombie.. J Affect Disord 227, 517-520 (2018) url	Cornejo Ramirez Maria Daniela

Rotatable anisotropy on ferromagnetic/antiferromagnetic bilayer investigated by Brillouin light scattering, Rodriguez-Suarez R.L., Oliveira A.B., Estrada F., Maior D.S., Arana M., Alves Santos O., Azevedo A., Rezende S.M.. Journal Of Applied Physics 123, - (2018) url	Rodriguez Suarez Roberto
Scale-dependent (2+1)-dimensional electrically charged black holes in Einstein-power-Maxwell theory, Rincon, A; Contreras, E; Bargueno, P; Koch, B; Panotopoulos, G. European Physical Journal C 78, - (2018) url	Koch - Benjamin
Scale-dependent polytropic black hole, Contreras, E; Rincon, A; Koch, B; Bargueno, P. European Physical Journal C 78, - (2018) url	Koch - Benjamin
Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the ??bb final state in pp collisions at s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 783, 392-414 (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb - 1 of pp collisions at ?s=13 TeV with the ATLAS experiment, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for a Structure in the Bs0 ?♦ Invariant Mass Spectrum with the ATLAS Experiment, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review Letters 120, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for a time-varying electron antineutrino signal at Daya Bay, Adey D., An F.P., Balantekin A.B., Band H.R., Bishai M., Blyth S., Cao D., Cao G.F., Cao J., Chang J.F., Chang Y., Chen H.S., Chen S.M., Chen Y., Chen.... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro
Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb?1 of pp collisions at ?s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H.,	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro

Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	
Search for an invisibly decaying Higgs boson or dark matter candidates produced in association with a Z boson in pp collisions at $s=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 776, 318-337 (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for B - L R-parity-violating top squarks in $s=13$ TeV pp collisions with the ATLAS experiment, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physical Review D 97, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for charged Higgs bosons decaying into top and bottom quarks at $s=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Journal Of High Energy Physics 2018, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for charged Higgs bosons decaying via $H \rightarrow ? ? \rightarrow ?$ in the $+jets$ and $+lepton$ final states with 36 fb $^{-1}$ of pp collision data recorded at $s=13$ TeV with the ATLAS experiment, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Journal Of High Energy Physics 2018, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for chargino-neutralino production using recursive jigsaw reconstruction in final states with two or three charged leptons in proton-proton collisions at $s=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro

H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	
Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Journal Of High Energy Physics 2018, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for diboson resonances with boson-tagged jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 777, 91-113 (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton+proton collisions at $\sqrt{s}=13$ TeV, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for electroweak production of supersymmetric particles in final states with two or three leptons at root $s=13$ Tev with the ATLAS detector, Aaboud, M; Aad, G; Abbott, B; Abdinov, O; Abeloos, B; Abidi, SH; AbouZeid, OS; Abraham, NL; Abramowicz, H; Abreu, H; Abreu, R; Abulaiti, Y; Acharya, B.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro
Search for electroweak production of supersymmetric states in scenarios with compressed mass spectra at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review D 97, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio

Search for exclusive Higgs and Z boson decays to ?? and ?? with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for flavor-changing neutral currents in top quark decays t ?hc and t ?hu in multilepton final states in proton-proton collisions at s =13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for flavour-changing neutral current top-quark decays t ? qZ in proton-proton collisions at ?s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton?proton collisions at ?s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb?1 of ?s=13 TeV pp collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for heavy resonances decaying into WW in the e??? final state in pp collisions at ?s=13TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journalal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for heavy resonances decaying to a photon and a hadronically decaying Z /W /H boson in pp collisions at s =13 TeV with the ATLAS detector, Aaboud M., Aad G.,	Ochoa Ricoux Juan Pedro Diaz G.

Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review D 98, - (2018) url	Gutierrez Marco Aurelio
Search for heavy ZZ resonances in the ?+?-?+?- and ?+-vv- final states using proton \diamond proton collisions at ?s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for Higgs boson decays into pairs of light (pseudo)scalar particles in the ?? jj final state in pp collisions at ?s = 13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 782, 750-767 (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at ?s=13 TeV, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for Higgs boson pair production in the ? ? bb \diamond final state with 13 TeV pp collision data collected by the ATLAS experiment, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for Higgs boson pair production in the ??WW? channel using pp collision data recorded at ?s = 13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro
Search for Higgs bosons produced via vector-boson fusion and decaying into bottom quark pairs in s =13 TeV pp collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe	Ochoa Ricoux Juan Pedro Diaz G.

D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review D 98, - (2018) url	Gutierrez Marco Aurelio
Search for High-Mass Resonances Decaying to ?? in pp Collisions at ?s =13 TeV with the ATLAS Detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review Letters 120, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for lepton-flavor violation in different-flavor, high-mass final states in pp collisions at s =13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for lepton-flavor-violating decays of the Z boson into a ? lepton and a light lepton with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro
Search for long-lived charginos based on a disappearing-track signature in pp collisions at ?s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for long-lived, massive particles in events with displaced vertices and missing transverse momentum in ?s = 13 TeV pp collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physical Review D 97, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for Low-Mass Dijet Resonances Using Trigger-Level Jets with the ATLAS Detector in pp Collisions at s =13 TeV, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review Letters 121, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at ?s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov	Ochoa Ricoux Juan Pedro

O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Journal Of High Energy Physics 2018, - (2018) url	
Search for new phenomena in high-mass final states with a photon and a jet from pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s}=13 \text{ TeV}$ pp collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... European Physical Journal C 78, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for pair production of heavy vector-like quarks decaying into high-p T W bosons and top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Journal Of High Energy Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for pair production of heavy vectorlike quarks decaying into hadronic final states in pp collisions at $s = 13 \text{ TeV}$ with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for pair production of Higgsinos in final states with at least three b -tagged jets in $s = 13 \text{ TeV}$ pp collisions using the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro
Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H.,	Ochoa Ricoux Juan Pedro Diaz G.

AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Journal Of High Energy Physics 2018, - (2018) url	Gutierrez Marco Aurelio
Search for photonic signatures of gauge-mediated supersymmetry in 13 TeV pp collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review D 97, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for R-parity-violating supersymmetric particles in multi-jet final states produced in p \not{p} p collisions at s=13 TeV using the ATLAS detector at the LHC, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 785, 136-158 (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for resonances in the mass distribution of jet pairs with one or two jets identified as b -jets in proton-proton collisions at s =13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review D 98, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for Resonant and Nonresonant Higgs Boson Pair Production in the b b ?+?- Decay Channel in pp Collisions at s =13 TeV with the ATLAS Detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physical Review Letters 121, - (2018) url	Ochoa Ricoux Juan Pedro Diaz G. Gutierrez Marco Aurelio
Search for resonant WZ production in the fully leptonic final state in proton \not{p} proton collisions at s=13TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 787, 68-88 (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for squarks and gluinos in final states with jets and missing transverse momentum using 36 fb-1 of ?s =13 TeV pp collision data with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro

H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physical Review D 97, - (2018) url	
Search for supersymmetry in events with four or more leptons in $s = 13$ TeV pp collisions with ATLAS, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physical Review D 98, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Journal Of High Energy Physics 2018, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Journal Of High Energy Physics 2018, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for the Decay of the Higgs Boson to Charm Quarks with the ATLAS Experiment, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review Letters 120, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... European Physical Journal C 78, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow aa \rightarrow 4b$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Journal Of High Energy Physics 2018, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro

<p>Search for the standard model Higgs boson produced in association with top quarks and decaying into a $b\bar{b}\ell\bar{\ell}$ pair in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review D 97, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Search for top squarks decaying to tau sleptons in pp collisions at $s = 13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physical Review D 98, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb$^{-1}$ of $\sqrt{s}=13$ TeV pp collision data with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Search for W W/W Z resonance production in $q\bar{q}q\bar{q}$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Search for W? ??? tb decays in the hadronic final state using pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y., Acharya B.S., Ada.... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 781, 327-348 (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
<p>Searches for exclusive Higgs and Z boson decays into J/ψ???, $(2S)???$, and $(nS)???$ at $s=13$TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abhayasinghe D.K., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abulaiti Y..... Physics Letters, Section B: Nuclear, Elementary Particle And High-energy Physics 786, 134-155 (2018) url</p>	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro

Searches for heavy ZZ and ZW resonances in the ??qq and ??qq final states in pp collisions at ?s=13 TeV with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., AbouZeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Journal Of High Energy Physics 2018, - (2018) url	Diaz G. Gutierrez Marco Aurelio Ochoa Ricoux Juan Pedro
Seasonal variation of the underground cosmic muon flux observed at Daya Bay, An F.P., Balantekin A.B., Band H.R., Bishai M., Blyth S., Cao D., Cao G.F., Cao J., Chan Y.L., Chang J.F., Chang Y., Chen H.S., Chen Q.Y., Chen S.M., Journal Of Cosmology And Astroparticle Physics 2018, - (2018) url	Ochoa Ricoux Juan Pedro
Size-controlled synthesis of superparamagnetic iron-oxide and iron-oxide/iron/carbon nanotube nanocomposites by supersonic plasma expansion technique, Sarma L., Sarmah T., Aomoa N., Sarma S., Deshpande U., Bhuyan H., Ojha S., Bora U., Kakati M.. Journal Of Physics D: Applied Physics 51, - (2018) url	Bhuyan - Heman
Spectral Continuity for Aperiodic Quantum Systems I. General Theory., S. Beckus, J. Bellissard, G. De Nittis. J. Funct. Anal. 275, 2917-2977 (2018) url	De Nittis Giuseppe
Spin-lattice relaxation of individual solid-state spins, Norambuena A., Mu o oz E., Dinani H.T., Jarmola A., Maletinsky P., Budker D., Maze J.R.. Physical Review B 97, - (2018) url	Munoz Tavera Enrique Maze Rios Jeronimo
Strange metal crossover in the doped holographic superconductor, Giordano, G; Grandi, N; Lugo, A; Soto-Garrido, R. Journal Of Instrumentation -, - (2018) url	Soto Garrido Rodrigo Andres
Study of dual radio frequency capacitively coupled plasma: An analytical treatment matched to an experiment, Saikia P., Bhuyan H., Escalona M., Favre M., Wyndham E., Maze J., Schulze J.. Plasma Sources Science And Technology 27, - (2018) url	Bhuyan - Heman Wyndham Hodder Edmund Sydenham Maze Rios Jeronimo Favre Dominguez Mario Benjamin
Substituent influence in phenanthroline-derived ancillary ligands on the excited state nature of novel cationic Ir(iii) complexes, Gonzalez I., Natali M., Cabrera A.R.,	Maze Rios Jeronimo

Loeb B., Maze J., Dreyse P.. New Journal Of Chemistry 42, 6644-6654 (2018) url	
Superstatistics and the effective QCD phase diagram, Ayala, A.; Hentschinski, M.; Hernández, L. A.; Loewe, M.; Zamora, R.. Physical Review D , (2018) url	Loewe Lobo Marcelo Patricio
Surface plasmon effect in electrodeposited diamond-like carbon films for photovoltaic application, Ghosh B., Ray S.C., Espinoza-Gonzalez R., Villarroel R., Hevia S.A., Alvarez-Vega P.. Chemical Physics Letters 698, 60-66 (2018) url	Hevia Zamora Samuel Alejandro
Technical Note: An hybrid parallel implementation for EGSnrc Monte Carlo user codes, Doerner E., Caprile P.. Medical Physics 45, 3969-3973 (2018) url	Dorner Yaksic Edgardo Andres Caprile Etchart Paola Francisca
The adolescent brain cognitive development (ABCD) study: Imaging acquisition across 21 sites., BJ Casey, T Cannonier, MI Conley, AO Cohen, DM Barch, MM Heitzeg, ME Soules, T Teslovich DV Dellarco, H Garavan, CA Orr, TD Wager, MT Banich, NK Speer.... Developmental Cognitive Neuroscience 32, 43-54 (2018) url	Cornejo Ramirez Maria Daniela
The continuum threshold and the Polyakov loop: A comparison between two deconfinement order parameters, Carlomagno J.P., Loewe M.. Nuclear And Particle Physics Proceedings 294-296, 141-146 (2018) url	Loewe Lobo Marcelo Patricio
The electrical asymmetry effect in a multi frequency geometrically asymmetric capacitively coupled plasma: A study by a nonlinear global model, Saikia P., Bhuyan H., Escalona M., Favre M., Bora B., Kakati M., Wyndham E., Rawat R.S., Schulze J.. Journal Of Applied Physics 123, - (2018) url	Bhuyan - Heman Wyndham Hodder Edmund Sydenham Favre Dominguez Mario Benjamin
The FKMM-invariant in low dimension, G. De Nittis, K. Gomi. Lett. Math. Phys. 108, 1225-1277 (2018) url	De Nittis Giuseppe
The role of metallic nanoparticles in the enhancement of the spin Hall magnetoresistance in YIG/Pt thin films, Gamino M., Silva E.F., Alves Santos O., Mendes J.B.S., Rodriguez-Suarez R.L., Machado F.L.A., Azevedo A.,	Rodriguez Suarez Roberto

Rezende S.M.. Journal Of Magnetism And Magnetic Materials 466, 267-272 (2018) url	
The Schrödinger Formalism of Electromagnetism and Other Classical Waves: How to Make Quantum-Wave Analogies Rigorous, G. De Nittis, M. Lein. Ann. Phys. 396, 579-617 (2018) url	De Nittis Giuseppe
The stepwise path integral of the relativistic point particle, Koch B., Muñoz E.. European Physical Journal C 78, - (2018) url	Munoz Tavera Enrique Koch - Benjamin
Thermal gradients for the stabilization of a single domain wall in magnetic nanowires, Mejia-Lopez J., Velasquez E.A., Mazo-Zuluaga J., Altbir D.. Nanotechnology 29, - (2018) url	Mejia Lopez Jose Felix
Thermoelectric efficiency of a topological nano-junction, alamo M., Muñoz E.. Entropy 20, - (2018) url	Munoz Tavera Enrique
Thermomagnetic evolution of the QCD strong coupling, Ayala A., Dominguez C.A., Hernandez-Ortiz S., Hernandez L.A., Loewe M., Paret D.M., Zamora R.. Physical Review D 98, - (2018) url	Loewe Lobo Marcelo Patricio
Understanding the loss of electrochemical activity of nanosized LiMn ₂ O ₄ particles: a combined experimental and ab initio DFT study, Velasquez E.A., Silva D.P.B., Falqueto J.B., Mejia-Lopez J., Bocchi N., Del Rio R., Mazo-Zuluaga J., Rocha-Filho R.C., Biaggio S.R.. Journal Of Materials Chemistry A 6, 14967-14974 (2018) url	Mejia Lopez Jose Felix
Uniaxial magnetic anisotropy energy of bimetallic Co-Ni clusters from a first-principles perspective, Mejia-Lopez J., Mejia-Lopez A., Mazo-Zuluaga J.. Physical Chemistry Chemical Physics 20, 16528-16539 (2018) url	Mejia Lopez Jose Felix
Variational Characterization of the Speed of Reaction Diffusion Fronts for Gradient Dependent Diffusion, Benguria R.D., Depassier M.C.. Annales Henri Poincaré 19, 2717-2726 (2018) url	Benguria Donoso Rafael Jose Urbano Depassier Teran Maria Cristina
X-ray backscatterer requirements for refraction-based electron density diagnostics through Talbot-Lau deflectometry, Valdivia M.P., Veloso F., Stutman D., Stoeckl C., Mileham C., Begishev I.A., Theobald W., Vescovi M., Useche W., Regan S.P., Albertazzi B., Rigon G., Review Of Scientific Instruments 89, - (2018) url	Veloso Espinosa Felipe
Z Z ? + - ? + ? - s-section measurements and search for anomalous triple gauge couplings in 13 TeV p p collisions	Diaz G. Gutierrez

with the ATLAS detector, Aaboud M., Aad G., Abbott B., Abdinov O., Abeloos B., Abidi S.H., Abouzeid O.S., Abraham N.L., Abramowicz H., Abreu H., Abreu R., Abulaiti Y., Acharya.... Physical Review D 97, - (2018) url	Marco Aurelio Ochoa Ricoux Juan Pedro
---	---