



XAVIER NICOLAS HERNANDEZ DORING

Datos Generales

Nombre: XAVIER NICOLAS HERNANDEZ DORING

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 25 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Astronomía
Desde 01-11-2015

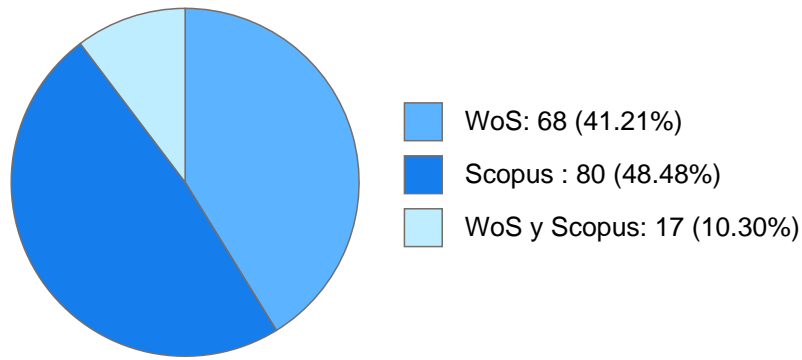
Estímulos, programas, premios y reconocimientos

SNI III 2020 - 2024
SNI II - 2019
PRIDE D 2011 - 2024
PRIDE C - 2011
PASPA Estancias Sabáticas 2008 - 2009

XAVIER NICOLAS HERNANDEZ DORING

DOCUMENTOS EN REVISTAS

Histórico de Documentos



| # | Título | Autores | Revista | Año |
|---|---|---|---|------|
| 1 | A recent confirmation of the wide binary gravitational anomaly | XAVIER NICOLAS HERNANDEZ DORING Pavel Kroupa | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2025 |
| 2 | Statistical analysis of the gravitational anomaly in Gaia wide binaries | XAVIER NICOLAS HERNANDEZ DORING ALEJANDRO AGUAYO ORTIZ Verteletskyi V. et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2024 |
| 3 | A critical review of recent <i>Gaia</i> wide binary gravity tests | XAVIER NICOLAS HERNANDEZ DORING Kyu-Hyun Chae A. Aguayo-Ortiz | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2024 |
| 4 | A New Hydrodynamic Spherical Accretion Exact Solution and Its Quasi-spherical Perturbations | XAVIER NICOLAS HERNANDEZ DORING ALEJANDRO AGUAYO ORTIZ Nasser L. | ASTROPHYSICAL JOURNAL | 2023 |

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|----|--|---|---|------|
| 5 | Internal kinematics of Gaia eDR3 wide binaries | XAVIER NICOLAS HERNANDEZ DORING S. Cookson R. A. M. Cortes | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2022 |
| 6 | On an optimal testing strategy for workplace settings operating during the COVID-19 pandemic | XAVIER NICOLAS HERNANDEZ DORING Valentinotti S. | PLOS ONE | 2022 |
| 7 | On the Existence of the Plateau Emission in High-energy Gamma-Ray Burst Light Curves Observed by Fermi-LAT | XAVIER NICOLAS HERNANDEZ DORING M. G. Dainotti N. Omodei et al. | ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES | 2021 |
| 8 | Asymptotic kinematics of globular clusters: The emergence of a Tully-Fisher relation | XAVIER NICOLAS HERNANDEZ DORING A. J. Lara | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2020 |
| 9 | Choked Accretion onto a Schwarzschild Black Hole: A Hydrodynamical Jet-launching Mechanism | EMILIO TEJEDA RODRIGUEZ ALEJANDRO AGUAYO ORTIZ XAVIER NICOLAS HERNANDEZ DORING | ASTROPHYSICAL JOURNAL | 2020 |
| 10 | Approaching the Dark Sector through a bounding curvature criterion | XAVIER NICOLAS HERNANDEZ DORING ROBERTO ALLAN SUSSMAN LIVOVSKY L. Nasser | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2019 |
| 11 | Challenging a newtonian prediction through gaia wide binaries | XAVIER NICOLAS HERNANDEZ DORING CHRISTINE PATRICIA ALLEN ARMIÑO Cortés R.A.M. et al. | INTERNATIONAL JOURNAL OF MODERN PHYSICS D | 2019 |
| 12 | Choked accretion: from radial infall to bipolar outflows by breaking spherical symmetry | ALEJANDRO AGUAYO ORTIZ EMILIO TEJEDA RODRIGUEZ XAVIER NICOLAS HERNANDEZ DORING | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2019 |
| 13 | A Test of MONDian Gravity in ~300 Pressure-supported Elliptical Galaxies from the MaNGA Survey | XAVIER NICOLAS HERNANDEZ DORING BERNARDO CERVANTES SODI SEBASTIAN FRANCISCO SANCHEZ SANCHEZ et al. | ASTROPHYSICAL JOURNAL | 2018 |
| 14 | On the Magnetar Origin of the GRBs Presenting X-Ray Afterglow Plateaus | XAVIER NICOLAS HERNANDEZ DORING Giulia Stratta Maria Giovanna Dainotti et al. | ASTROPHYSICAL JOURNAL | 2018 |
| 15 | A Study of the Gamma-Ray Burst Fundamental Plane | XAVIER NICOLAS HERNANDEZ DORING M. G. Dainotti S. Postnikov et al. | ASTROPHYSICAL JOURNAL | 2017 |

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|----|---|---|--|------|
| 16 | MONDian dynamical modelling of NGC 288 with beta not equal 0 | XAVIER NICOLAS HERNANDEZ DORING Cortes, R. A. M. Scarpa, R. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2017 |
| 17 | A Universal Velocity Dispersion Profile for Pressure Supported Systems: Evidence for MONDian Gravity across Seven Orders of Magnitude in Mass | XAVIER NICOLAS HERNANDEZ DORING BERNARDO CERVANTES SODI SEBASTIAN FRANCISCO SANCHEZ SANCHEZ et al. | ASTROPHYSICAL JOURNAL | 2017 |
| 18 | Strong gravitational lensing in $f(x) = x(3/2)$ gravity | XAVIER NICOLAS HERNANDEZ DORING Campigotto, M.C. Diaferio, A. et al. | JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS | 2017 |
| 19 | MONDian predictions for Newtonian mass-to-light ratios for ultrafaint dSphs | XAVIER NICOLAS HERNANDEZ DORING Cortés, R.A.M. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2017 |
| 20 | Central MONDian spike in spherically symmetric systems | XAVIER NICOLAS HERNANDEZ DORING | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2017 |
| 21 | DYNAMICAL MODELLING OF NGC 288 USING MOND | XAVIER NICOLAS HERNANDEZ DORING Cortes, R. A. M. Scarpa, R. | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS | 2017 |
| 22 | Theoretical lower limits on sizes of ultrafaint dwarf galaxies from dynamical friction | XAVIER NICOLAS HERNANDEZ DORING | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2016 |
| 23 | A FUNDAMENTAL PLANE FOR LONG GAMMA-RAY BURSTS WITH X-RAY PLATEAUS | XAVIER NICOLAS HERNANDEZ DORING Dainotti, M. G. Postnikov, S. et al. | ASTROPHYSICAL JOURNAL LETTERS | 2016 |
| 24 | Nonparametric study of the evolution of the cosmological equation of state with SNeIa, BAO, and high-redshift GRBs | XAVIER NICOLAS HERNANDEZ DORING Postnikov, S. Dainotti, M. G. et al. | ASTROPHYSICAL JOURNAL | 2014 |

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|----|---|---|--|------|
| 25 | The breakdown of classical gravity? | XAVIER NICOLAS HERNANDEZ DORING CHRISTINE PATRICIA ALLEN ARMIÑO Jiménez M.A. | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS | 2014 |
| 26 | Gravitational anomalies signaling the breakdown of classical gravity | XAVIER NICOLAS HERNANDEZ DORING CHRISTINE PATRICIA ALLEN ARMIÑO Jiménez A. | Astrophysics and Space Science Proceedings | 2014 |
| 27 | The massive elliptical galaxy NGC 4649 from the perspective of extended gravity | M. A. Jimenez G. Garcia XAVIER NICOLAS HERNANDEZ DORING et al. | ASTROPHYSICAL JOURNAL | 2013 |
| 28 | Flattened velocity dispersion profiles in globular clusters: Newtonian tides or modified gravity? | XAVIER NICOLAS HERNANDEZ DORING M. A. Jimenez CHRISTINE PATRICIA ALLEN ARMIÑO | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2013 |
| 29 | Isothermal distributions in MONDian gravity as a simple unifying explanation for the ubiquitous $\rho \propto r^{-3}$ density profiles in tenuous stellar halos | XAVIER NICOLAS HERNANDEZ DORING MARIA ELENA JIMENEZ FRAGOZO CHRISTINE PATRICIA ALLEN ARMIÑO | ASTROPHYSICAL JOURNAL | 2013 |
| 30 | Gravitational lensing with $f(\chi) = \chi^{3/2}$ gravity in accordance with astrophysical observations | SERGIO MENDOZA RAMOS TULA BERNAL MARIN XAVIER NICOLAS HERNANDEZ DORING et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2013 |
| 31 | Probabilistic distributions of M/L values for ultrafaint dwarf spheroidal galaxies: stochastic samplings of the initial mass function | XAVIER NICOLAS HERNANDEZ DORING | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2012 |
| 32 | Wide binaries as a critical test of classical gravity | XAVIER NICOLAS HERNANDEZ DORING M. A. Jimenez CHRISTINE PATRICIA ALLEN ARMIÑO | EUROPEAN PHYSICAL JOURNAL C | 2012 |
| 33 | THE OUTSKIRTS OF GLOBULAR CLUSTERS AS MODIFIED GRAVITY PROBES | XAVIER NICOLAS HERNANDEZ DORING MARIA ELENA JIMENEZ FRAGOZO | ASTROPHYSICAL JOURNAL | 2012 |
| 34 | A Phase Space Diagram for Gravity | XAVIER NICOLAS HERNANDEZ DORING | ENTROPY | 2012 |
| 35 | The spin of late-type galaxies at redshifts $z \leq 1.2$ | XAVIER NICOLAS HERNANDEZ DORING Cervantes-Sodi, Bernardo Hwang, Ho Seong et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2012 |

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| 36 | Wide binaries as a critical test for Gravity theories | XAVIER NICOLAS HERNANDEZ DORING CHRISTINE PATRICIA ALLEN ARMIÑO Jiménez M.A. | 4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE | 2012 |
| 37 | Non-relativistic extended gravity and its applications across different astrophysical scales | JUAN CARLOS HIDALGO CUELLAR SERGIO MENDOZA RAMOS XAVIER NICOLAS HERNANDEZ DORING et al. | AIP Conference Proceedings | 2011 |
| 38 | A natural approach to extended Newtonian gravity: tests and predictions across astrophysical scales | SERGIO MENDOZA RAMOS XAVIER NICOLAS HERNANDEZ DORING JUAN CARLOS HIDALGO CUELLAR et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2011 |
| 39 | Quantifying galactic morphological transformations in the cluster environment | XAVIER NICOLAS HERNANDEZ DORING Cervantes-Sodi, B. Park, Changbom et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2011 |
| 40 | THE GALACTIC SPIN OF AGN GALAXIES | XAVIER NICOLAS HERNANDEZ DORING Cervantes-Sodi, Bernardo Park, Changbom et al. | ASTROPHYSICAL JOURNAL LETTERS | 2011 |
| 41 | Clues on the origin of galactic angular momentum from looking at galaxy pairs | B. Cervantes Sodi XAVIER NICOLAS HERNANDEZ DORING Park, Changbom | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2010 |
| 42 | An upper limit to the central density of dark matter haloes from consistency with the presence of massive central black holes | XAVIER NICOLAS HERNANDEZ DORING WILLIAM HENRY LEE ALARDIN | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2010 |
| 43 | Understanding local dwarf spheroidals and their scaling relations under MODified Newtonian Dynamics | XAVIER NICOLAS HERNANDEZ DORING SERGIO MENDOZA RAMOS T. Suarez et al. | ASTRONOMY & ASTROPHYSICS | 2010 |
| 44 | Origin and evolution of galactic spin from looking at galaxy pairs | BERNARDO CERVANTES SODI XAVIER NICOLAS HERNANDEZ DORING Park C. | AIP Conference Proceedings | 2010 |
| 45 | Some light on the dark matter vs. modified gravity debate from dwarf spheroidal scalings | XAVIER NICOLAS HERNANDEZ DORING SERGIO MENDOZA RAMOS TULA BERNAL MARIN et al. | AIP Conference Proceedings | 2010 |
| 46 | The Connection Between Entropy and the Absorption Spectra of Schwarzschild Black Holes for Light and Massless Scalar Fields | SERGIO MENDOZA RAMOS XAVIER NICOLAS HERNANDEZ DORING PABLO LUIS RENDON GARRIDO et al. | ENTROPY | 2009 |

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| 47 | CHEMICAL ABUNDANCES AND GAS CONTENT IN DISK GALAXIES: CORRELATIONS WITH THE lambda SPIN PARAMETER | B. Cervantes Sodi XAVIER NICOLAS HERNANDEZ DORING | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA | 2009 |
| 48 | A robust statistical estimation of the basic parameters of single stellar populations - I. Method | XAVIER NICOLAS HERNANDEZ DORING Valls-Gabaud, David | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2008 |
| 49 | The tightening of wide binaries in dSph galaxies through dynamical friction as a test of the dark matter hypothesis | XAVIER NICOLAS HERNANDEZ DORING WILLIAM HENRY LEE ALARDIN | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2008 |
| 50 | Environment and mass dependencies of galactic lambda spin parameter: cosmological simulations and observed galaxies compared | B. Cervantes Sodi XAVIER NICOLAS HERNANDEZ DORING Park, Changbom et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2008 |
| 51 | Chemical consequences of low star formation rates: stochastically sampling the initial mass function | MARIA LETICIA CARIGI DELGADO XAVIER NICOLAS HERNANDEZ DORING | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2008 |
| 52 | Environment and mass dependencies of galactic ? spin parameter: cosmological simulations and sdss galaxies compared | BERNARDO CERVANTES SODI XAVIER NICOLAS HERNANDEZ DORING Park Ch. et al. | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS | 2008 |
| 53 | A physical classification scheme for disk galaxies | BERNARDO CERVANTES SODI XAVIER NICOLAS HERNANDEZ DORING | Astrophysics and Space Science Proceedings | 2008 |
| 54 | Empirical distributions of galactic ? spin parameters from the sloan digital sky survey | XAVIER NICOLAS HERNANDEZ DORING BERNARDO CERVANTES SODI Park C. et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2007 |
| 55 | Masses, tidal radii, and escape speeds in dwarf spheroidal galaxies under mond and dark halos compared | FRANCISCO JAVIER SANCHEZ SALCEDO XAVIER NICOLAS HERNANDEZ DORING | ASTROPHYSICAL JOURNAL | 2007 |

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| 56 | A dimensional study of disc galaxies | XAVIER NICOLAS HERNANDEZ DORING BERNARDO CERVANTES SODI | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2006 |
| 57 | On the thermal footsteps of neutralino relic gases | ROBERTO ALLAN SUSSMAN LIVOVSKY XAVIER NICOLAS HERNANDEZ DORING Cabral-Rosetti L.G. | 4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE | 2006 |
| 58 | An extensive study of dynamical friction in dwarf galaxies: The role of stars, dark matter, halo profiles and MOND | FRANCISCO JAVIER SANCHEZ SALCEDO JORGE REYES ITURBIDE XAVIER NICOLAS HERNANDEZ DORING | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2006 |
| 59 | A dimensional study of disk galaxies (an excuse to talk about the hubble sequence) | XAVIER NICOLAS HERNANDEZ DORING BERNARDO CERVANTES SODI | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS | 2006 |
| 60 | Some statistical mechanical properties of photon black holes | XAVIER NICOLAS HERNANDEZ DORING CESAR SIMON LOPEZ MONSALVO SERGIO MENDOZA RAMOS et al. | REVISTA MEXICANA DE FISICA | 2006 |
| 61 | Scalar field "mini-MACHOs": A new explanation for galactic dark matter | XAVIER NICOLAS HERNANDEZ DORING ROBERTO ALLAN SUSSMAN LIVOVSKY T Matos et al. | PHYSICAL REVIEW D | 2004 |
| 62 | Dynamical consequences of CDM merger trees | XAVIER NICOLAS HERNANDEZ DORING WILLIAM HENRY LEE ALARDIN | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2004 |
| 63 | A plausible Galactic spiral pattern and its rotation speed | MARCO ANTONIO MARTOS NUÑEZ DE CACERES XAVIER NICOLAS HERNANDEZ DORING BARBARA SELEN PICHARDO SILVA et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2004 |
| 64 | Using entropy to discriminate annihilation channels in neutralinos making up galactic halos | XAVIER NICOLAS HERNANDEZ DORING ROBERTO ALLAN SUSSMAN LIVOVSKY Cabral-Rosetti L.G. | PHYSICAL REVIEW D | 2004 |

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|----|---|--|---|------|
| 65 | On the Newtonian limit and cut-off scales of isothermal dark matter haloes with cosmological constant | ROBERTO ALLAN SUSSMAN LIVOVSKY XAVIER NICOLAS HERNANDEZ DORING | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2003 |
| 66 | Dark matter and chemical evolution of DSPH galaxies | MARIA LETICIA CARIGI DELGADO XAVIER NICOLAS HERNANDEZ DORING Gilmore G. | ASTROPHYSICS AND SPACE SCIENCE | 2002 |
| 67 | Chemical evolution models of local dwarf spheroidal galaxies | MARIA LETICIA CARIGI DELGADO XAVIER NICOLAS HERNANDEZ DORING Gilmore G. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2002 |
| 68 | A cosmological study of the star formation history in the solar neighbourhood | XAVIER NICOLAS HERNANDEZ DORING VLADIMIR ANTON AVILA REESE Firmani C. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2001 |
| 69 | Constraints on dark matter physics from dwarf galaxies through galaxy cluster haloes | XAVIER NICOLAS HERNANDEZ DORING VLADIMIR ANTON AVILA REESE Firmani C. et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2001 |
| 70 | Cosmological origin of the lowest metallicity halo stars | XAVIER NICOLAS HERNANDEZ DORING Ferrara A. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2001 |
| 71 | Chemical evolution models of local DSPH galaxies | MARIA LETICIA CARIGI DELGADO XAVIER NICOLAS HERNANDEZ DORING Gilmore G. | ASTROPHYSICS AND SPACE SCIENCE | 2001 |
| 72 | Objective determination of star formation histories | XAVIER NICOLAS HERNANDEZ DORING Gilmore G. Valls-Gabaud D. | ASTROPHYSICS AND SPACE SCIENCE | 2000 |
| 73 | Evidence of self-interacting cold dark matter from galactic to galaxy cluster scales | VLADIMIR ANTON AVILA REESE XAVIER NICOLAS HERNANDEZ DORING Firmani C. et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2000 |

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|----|--|---|---|------|
| 74 | The recent star formation history of the Hipparcos solar neighbourhood | XAVIER NICOLAS HERNANDEZ DORING Valls-Gabaud D. Gilmore G. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2000 |
| 75 | Non-parametric star formation histories for four dwarf spheroidal galaxies of the Local Group | XAVIER NICOLAS HERNANDEZ DORING Gilmore G. Valls-Gabaud D. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2000 |
| 76 | Deriving star formation histories: Inverting Hertzsprung-Russell diagrams through a variational calculus maximum likelihood method | XAVIER NICOLAS HERNANDEZ DORING Valls-Gabaud D. Gilmore G. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 1999 |
| 77 | On the formation and evolution of disk galaxies: Cosmological initial conditions and the gravitational collapse | VLADIMIR ANTON AVILA REESE XAVIER NICOLAS HERNANDEZ DORING Firmani C. | ASTROPHYSICAL JOURNAL | 1998 |
| 78 | Inferring dark halo structure from observed scaling laws of late-type galaxies and LSBs | XAVIER NICOLAS HERNANDEZ DORING Gilmore G. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 1998 |
| 79 | Dynamical friction in dwarf galaxies | XAVIER NICOLAS HERNANDEZ DORING Gilmore G. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 1998 |
| 80 | Primordial cosmological fluctuations on galactic scale | XAVIER NICOLAS HERNANDEZ DORING VLADIMIR ANTON AVILA REESE Firmani C. | ASTROPHYS LETT COMM | 1997 |
| 81 | Viscous models for slowly evolving galactic disks | XAVIER NICOLAS HERNANDEZ DORING Firmani C. Gallagher J. | ASTRONOMY & ASTROPHYSICS | 1996 |



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



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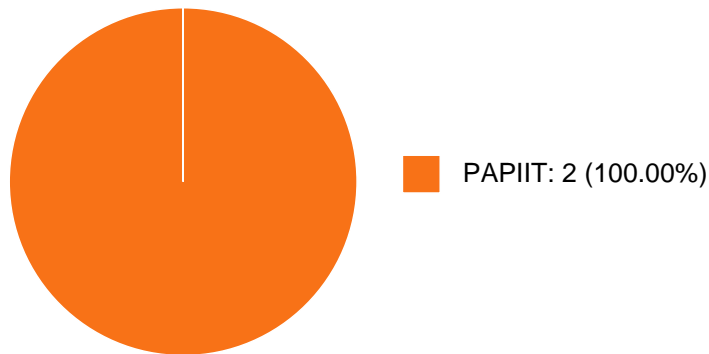
No se encuentran registros en la base de datos de Humanindex asociados a:

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

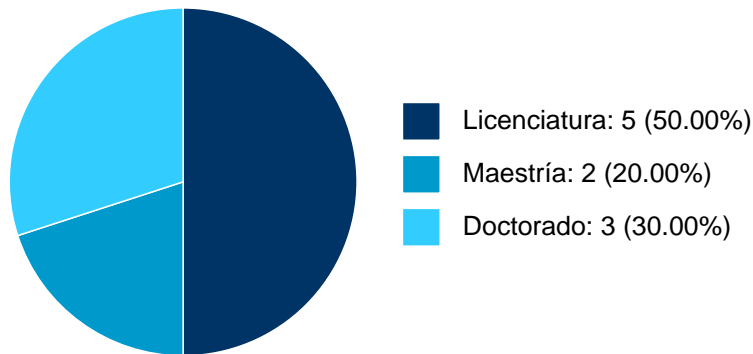


| # | Nombre | Participantes | Fuente | Fecha inicio | Fecha fin |
|---|--|---------------------------------|-----------------|--------------|------------|
| 1 | Comparaciones astrofísicas de Modelos de Gravedad Modificada y Materia Oscura | XAVIER NICOLAS HERNANDEZ DORING | Recursos PAPIIT | 01-01-2017 | 31-12-2019 |
| 2 | Pruebas de teorías de gravedad en el régimen de aceleraciones bajas en la época de Gaia. | XAVIER NICOLAS HERNANDEZ DORING | Recursos PAPIIT | 01-01-2020 | 31-12-2022 |

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



| # | Título del documento | Tipo de Tesis | Sinodales | Autores | Entidad | Año |
|---|---|-----------------------|----------------------------------|--|--|------|
| 1 | Probando la consistencia de la hipótesis de la materia oscura empleando observaciones de cuasares en las regiones de líneas anchas y angostas | Tesis de Maestría | XAVIER NICOLAS HERNANDEZ DORING, | Lara Díaz Infante, Armando José, | Instituto de Astronomía, | 2019 |
| 2 | Perfiles cinemáticos de sistemas soportados por presión : pruebas de esquemas de gravedad modificada | Tesis de Doctorado | BERNARDO CERVANTES SODI, | XAVIER NICOLAS HERNANDEZ DORING, Durazo Moreno, Reginaldo, | Instituto de Astronomía, Instituto de Radioastronomía y Astrofísica, | 2018 |
| 3 | Órbita de cometas "extrasolares" bajo gravedad extendida | Tesis de Licenciatura | XAVIER NICOLAS HERNANDEZ DORING, | Lara Díaz Infante, Armando José, | Instituto de Astronomía, | 2016 |
| 4 | Pruebas astrofísicas de modelos de gravedad modificada | Tesis de Doctorado | XAVIER NICOLAS HERNANDEZ DORING, | Jiménez Zúñiga, María Alejandra, | Instituto de Astronomía, | 2014 |

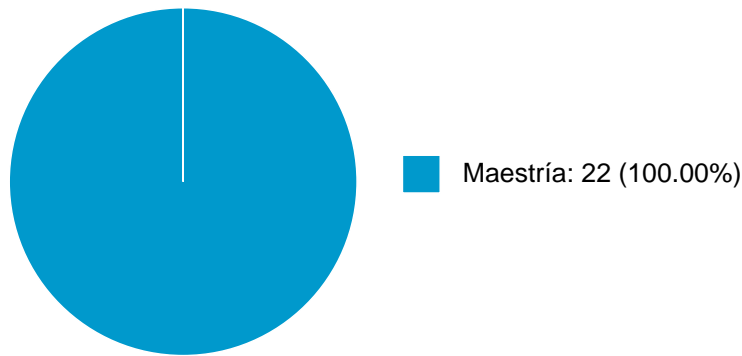
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|----|--|-----------------------|----------------------------------|---|---|------|
| 5 | Transiciones de fase en modelos cosmológicos | Tesis de Licenciatura | AUGUSTO CABRERA MANUEL, | XAVIER NICOLAS HERNANDEZ DORING, ROBERTO ALLAN SUSSMAN LIVOVSKY, et al. | Facultad de Ciencias, Instituto de Astronomía, Instituto de Ciencias Nucleares, | 2013 |
| 6 | Configuraciones de equilibrio de poblaciones autogravitantes de estrellas bajo esquemas de gravedad modificada | Tesis de Licenciatura | XAVIER NICOLAS HERNANDEZ DORING, | García de Jesús, Gustavo Enrique, | Instituto de Astronomía, | 2012 |
| 7 | Ajustes estadísticos a curvas de luz de GRBs sintéticos | Tesis de Maestría | XAVIER NICOLAS HERNANDEZ DORING, | Suárez Noguez, Teresita, | Instituto de Astronomía, | 2012 |
| 8 | Una propuesta nueva de gravedad modificada y sus restricciones astrofísicas | Tesis de Licenciatura | XAVIER NICOLAS HERNANDEZ DORING, | Suárez Noguez, Teresita, | Instituto de Astronomía, | 2010 |
| 9 | Parámetro de momento angular adimensional [λ]: caracterización de galaxias y estructura a gran escala del universo | Tesis de Doctorado | XAVIER NICOLAS HERNANDEZ DORING, | Cervantes Sodi, Bernardo, | Instituto de Astronomía, | 2009 |
| 10 | Edades de cúmulos globulares, la edad del universo y límites a la ecuación de estado de la energía oscura | Tesis de Licenciatura | XAVIER NICOLAS HERNANDEZ DORING, | Aparicio Servin, Lirio Euridice, | | 2004 |

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DOCENCIA IMPARTIDA

Histórico de docencia



| # | Nivel titulación | Asignatura | Entidad | Alumnos | Semestre |
|----|------------------|---|-------------------------|---------|----------|
| 1 | Maestría | DINÁMICA Y ESTRUCTURA DE GALAXIAS | Instituto de Astronomía | 2 | 2024-1 |
| 2 | Maestría | DINÁMICA Y ESTRUCTURA DE GALAXIAS | Instituto de Astronomía | 7 | 2023-1 |
| 3 | Maestría | DINÁMICA Y ESTRUCTURA DE GALAXIAS | Instituto de Astronomía | 9 | 2022-1 |
| 4 | Maestría | ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA | Instituto de Astronomía | 3 | 2021-1 |
| 5 | Maestría | SEMINARIO DE GRADUACIÓN | Instituto de Astronomía | 1 | 2019-2 |
| 6 | Maestría | SEMINARIO DE INVESTIGACIÓN II DE LOS CAMPOS DE CONOCIMIENTO TEOR,OBSV,CPAR | Instituto de Astronomía | 1 | 2019-1 |
| 7 | Maestría | TEMAS SELECTOS DE ASTROFÍSICA DE LOS CAMPOS DE CONOCIMIENTO TEOR,OBSV,CPAR INTRODUCCIÓN A TEORÍAS TIPO MOND | Instituto de Astronomía | 1 | 2019-1 |
| 8 | Maestría | DINÁMICA Y ESTRUCTURA DE GALAXIAS | Instituto de Astronomía | 2 | 2019-1 |
| 9 | Maestría | SEMINARIO DE INVESTIGACIÓN I DE LOS CAMPOS DE CONOCIMIENTO TEOR,OBSV,CPAR | Instituto de Astronomía | 1 | 2018-2 |
| 10 | Maestría | ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA | Instituto de Astronomía | 8 | 2018-1 |
| 11 | Maestría | ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA-318589 | Instituto de Astronomía | 2 | 2017-1 |
| 12 | Maestría | SEMINARIO DE GRADUACION-318626 | Instituto de Astronomía | 1 | 2017-1 |
| 13 | Maestría | ASTRONOMÍA EXTRAGALÁCTICA Y COSMOLOGÍA-396844 | Instituto de Astronomía | 5 | 2017-1 |

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| 14 | Maestría | SEMINARIO DE INVESTIGACION II | Instituto de Astronomía | 1 | 2016-2 |
| 15 | Maestría | TEMAS SELECTOS DE ASTROFISICA | Instituto de Astronomía | 1 | 2016-2 |
| 16 | Maestría | ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA | Instituto de Astronomía | 9 | 2015-1 |
| 17 | Maestría | DINAMICA Y ESTRUCTURA DE GALAXIAS | Instituto de Astronomía | 2 | 2013-2 |
| 18 | Maestría | SEMINARIO DE INVESTIGACION III | Instituto de Astronomía | 1 | 2012-1 |
| 19 | Maestría | ESTRUCTURA GALACTICA Y DINAMICA ESTELAR | Instituto de Astronomía | 4 | 2012-1 |
| 20 | Maestría | SEMINARIO DE INVESTIGACION I | Instituto de Astronomía | 1 | 2011-1 |
| 21 | Maestría | ESTRUCTURA GALACTICA Y DINAMICA ESTELAR | Instituto de Astronomía | 5 | 2011-1 |
| 22 | Maestría | ASTRONOMIA EXTRAGALACTICA Y COSMOLOGIA | Instituto de Astronomía | 5 | 2008-2 |



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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 |