



# Sistema Integral de Información Académica

## Coordinación de Planeación, Evaluación y Simplificación de la Gestión Institucional



### Reporte individual

**LAURENCE SABIN**

## Datos Generales

**Nombre:** LAURENCE SABIN

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 10 años

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## Nombramientos

**Vigente:** INVESTIGADOR TITULAR B TC Definitivo  
Instituto de Astronomía  
Desde 01-03-2025

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## Estímulos, programas, premios y reconocimientos

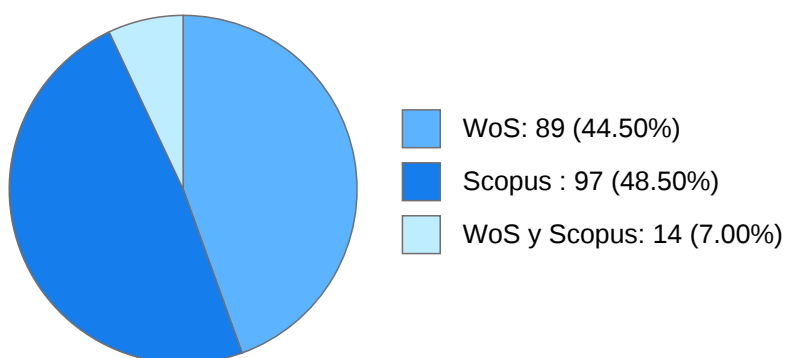
SNI II 2023 - VIGENTE  
SNI I 2017 - 2022  
PRIDE C 2021 - 2024  
RDUNJA Investigación en ciencias exactas 2022  
EQUIVALENCIA PRIDE B 2015 - 2020

**Reporte individual**

**LAURENCE SABIN**

**DOCUMENTOS EN REVISTAS**

**Histórico de Documentos**



| # | Título                                                                                                       | Autores                                                      | Revista                                           | Año  |
|---|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------|------|
| 1 | An attempt to determine the magnetic field configuration in the planetary nebula K 3-35 with ALMA            | LAURENCE SABIN Q. Zhang L. F. Miranda et al.                 | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2025 |
| 2 | A morphological catalogue of nova remnants                                                                   | JESUS ALBERTO TOALA SANZ LAURENCE SABIN E. Santamaria et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2025 |
| 3 | 3D physical structure and angular expansion of the remnant of the recurrent nova TPyx                        | JESUS ALBERTO TOALA SANZ LAURENCE SABIN Santamaría E. et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2024 |
| 4 | TOI-663: A newly discovered multi-planet system with three transiting mini-Neptunes orbiting an early M star | YILEN GOMEZ MAQUEO CHEW LAURENCE SABIN Cointepas M. et al.   | ASTRONOMY & ASTROPHYSICS                          | 2024 |

## LAURENCE SABIN

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|----|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------|------|
| 5  | Shaping the nebula around the symbiotic system R Aquarii                                                                                 | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN Santamaría E. et al.           | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2024 |
| 6  | Detection of an Earth-sized exoplanet orbiting the nearby ultracool dwarf star SPECULOOS-3                                               | YILEN GOMEZ MAQUEO CHEW ILSE<br>PLAUCHU FRAYN LAURENCE SABIN et al.       | Nature<br>Astronomy                                           | 2024 |
| 7  | CHEOPS in-flight performance: A comprehensive look at the first 3.5 yr of operations                                                     | YILEN GOMEZ MAQUEO CHEW<br>LAURENCE SABIN Fortier A. et al.               | ASTRONOMY &<br>ASTROPHYSICS                                   | 2024 |
| 8  | Grantecan spectroscopic observations and confirmations of planetary nebulae candidates in the Northern Galactic Plane                    | LAURENCE SABIN Andreas Ritter Q. A. Parker et al.                         | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2023 |
| 9  | A super-Earth and a mini-Neptune near the 2:1 MMR straddling the radius valley around the nearby mid-M dwarf TOI-2096                    | YILEN GOMEZ MAQUEO CHEW<br>LAURENCE SABIN Pozuelos F.J. et al.            | ASTRONOMY &<br>ASTROPHYSICS                                   | 2023 |
| 10 | An XMM-Newton View of the Symbiotic Stars HM Sge, NQ Gem, and PU Vul                                                                     | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN Marissa K. Botello             | ASTROPHYSICAL<br>JOURNAL                                      | 2023 |
| 11 | Surface magnetism in the pulsating RV Tauri star R Scuti                                                                                 | LAURENCE SABIN Georgiev S. Lèbre A. et al.                                | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2023 |
| 12 | Three-dimensional Orbit of AC Her Determined: Binary-induced Truncation Cannot Explain the Large Cavity in This Post-AGB Transition Disk | LAURENCE SABIN Narsireddy Anugu Jacques Kluska et al.                     | ASTROPHYSICAL<br>JOURNAL                                      | 2023 |
| 13 | The origin of the planetary nebula M 116: A morpho-kinematic and chemical analysis                                                       | ROBERTO VAZQUEZ MEZA LAURENCE SABIN LUIS FERNANDO OLGUIN CONTRERAS et al. | ASTRONOMY &<br>ASTROPHYSICS                                   | 2023 |
| 14 | TOI-2084 b and TOI-4184 b: Two new sub-Neptunes around M dwarf stars                                                                     | YILEN GOMEZ MAQUEO CHEW<br>LAURENCE SABIN Barkaoui K. et al.              | ASTRONOMY &<br>ASTROPHYSICS                                   | 2023 |
| 15 | TESS discovery of a super-Earth orbiting the M-dwarf star TOI-1680                                                                       | YILEN GOMEZ MAQUEO CHEW<br>LAURENCE SABIN Ghachoui M. et al.              | ASTRONOMY &<br>ASTROPHYSICS                                   | 2023 |

**LAURENCE SABIN**

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|------|
| 16 | SAINT-EX: SCIENTIFIC RESULTS AND OBSERVATIONS FROM SAN PEDRO MÁRTIR                                                                                                                            | YILEN GOMEZ MAQUEO CHEW<br>LAURENCE SABIN ROMINA PAOLA PETRUCCI et al.                | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS | 2023 |
| 17 | Author Correction: The messy death of a multiple star system and the resulting planetary nebula as observed by JWST (Nature Astronomy, (2022), 6, 12, (1421-1432), 10.1038/s41550-022-01845-2) | STAVROS AKRAS GUILLERMO MIGUEL GARCIA SEGURA CHRISTOPHE ROGER JACQUES MORISSET et al. | Nature Astronomy                                                    | 2023 |
| 18 | Planetary nebulae with Wolf-Rayet-type central stars - II. Dissecting the compact planetary nebula M2-31 with GTC MEGARA (vol 508, pg 2254, 2021)                                              | JACKELINE SUZETT RECHY GARCIA JESUS ALBERTO TOALA SANZ LAURENCE SABIN et al.          | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2022 |
| 19 | Planetary nebulae with Wolf-Rayet-type central stars - III. A detailed view of NGC 6905 and its central star                                                                                   | JESUS ALBERTO TOALA SANZ LAURENCE SABIN Gómez-González V.M.A. et al.                  | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2022 |
| 20 | TOI-2257 b: A highly eccentric long-period sub-Neptune transiting a nearby M dwarf                                                                                                             | YILEN GOMEZ MAQUEO CHEW LAURENCE SABIN Schanche N. et al.                             | ASTRONOMY & ASTROPHYSICS                                            | 2022 |
| 21 | Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b                                                                                                           | YILEN GOMEZ MAQUEO CHEW LAURENCE SABIN Kemmer J. et al.                               | ASTRONOMY & ASTROPHYSICS                                            | 2022 |
| 22 | An XMM-Newton EPIC X-Ray View of the Symbiotic Star R Aquarii                                                                                                                                  | JESUS ALBERTO TOALA SANZ LAURENCE SABIN Martin A. Guerrero et al.                     | ASTROPHYSICAL JOURNAL LETTERS                                       | 2022 |
| 23 | Spatiokinematic models of five nova remnants: correlations between nova shell axial ratio, expansion velocity, and speed class                                                                 | JESUS ALBERTO TOALA SANZ LAURENCE SABIN E. Santamaria et al.                          | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2022 |
| 24 | Catching a grown-up starfish planetary nebula - II. Plasma analysis and central star properties of PC 22                                                                                       | LAURENCE SABIN CHRISTOPHE ROGER JACQUES MORISSET V Gomez-Llanos et al.                | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2022 |
| 25 | Further Studies of the Association of Planetary Nebula BMP J16135406 with Galactic Open Cluster NGC 6067                                                                                       | LAURENCE SABIN ROBERTO VAZQUEZ MEZA Fragkou V. et al.                                 | Galaxies                                                            | 2022 |

**LAURENCE SABIN**

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|----|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
| 26 | 3D mapping of the Wolf-Rayet nebula M 1-67: clues for post-common envelope evolution in massive stars      | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN S. Zavala et al.                        | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2022 |
| 27 | Exploitation of the IPHAS to Investigate Planetary Nebulae                                                 | LAURENCE SABIN JESUS ALBERTO<br>TOALA SANZ Ramos-Larios G. et al.                  | Frontiers In<br>Astronomy And<br>Space Sciences                                             | 2022 |
| 28 | Common envelope evolution in born-again planetary nebulae - Shaping the H-deficient ejecta of A 30         | JESUS ALBERTO TOALA SANZ DANIEL<br>TAFOYA MARTINEZ LAURENCE SABIN<br>et al.        | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2022 |
| 29 | The Common Envelope Origins of the Fast Jet in the Planetary Nebula M 3-38                                 | JACKELINE SUZETT RECHY GARCIA<br>JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN et al. | ASTROPHYSICAL<br>JOURNAL<br>LETTERS                                                         | 2022 |
| 30 | Hot white dwarf candidates from the IGAPS-GALEX cross-match                                                | LAURENCE SABIN M. A.<br>Gomez-Munoz R. Raddi et al.                                | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2022 |
| 31 | Adjusting the bow-tie: a morpho-kinematic study of NGC 40                                                  | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN J. B.<br>Rodriguez-Gonzalez et al.      | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2022 |
| 32 | The Planetary Nebula in the 500 Myr Old Open Cluster M37                                                   | ROBERTO VAZQUEZ MEZA LAURENCE<br>SABIN Vasiliki Fragkou et al.                     | ASTROPHYSICAL<br>JOURNAL<br>LETTERS                                                         | 2022 |
| 33 | Uncovering the true periods of the young sub-Neptunes orbiting TOI-2076                                    | YILEN GOMEZ MAQUEO CHEW<br>LAURENCE SABIN H. P. Osborn et al.                      | ASTRONOMY &<br>ASTROPHYSICS                                                                 | 2022 |
| 34 | QU Vul: An integral field spectroscopy case study of a nova shell                                          | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN E. Santamaria et al.                    | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2022 |
| 35 | The TolTEC Camera: Polarimetric Commissioning and Performance of the Continuously Rotating Half-wave Plate | LAURENCE SABIN CARLOS EUGENIO<br>CARRASCO GONZALEZ ALICE<br>PASETTO et al.         | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2022 |

**LAURENCE SABIN**

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------|------|
| 36 | Planetary nebulae with Wolf-Rayet-type central stars – IV. NGC 1501 and its mixing layer                                                                                          | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN G. Rubio et al.                                  | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2022 |
| 37 | Two temperate super-Earths transiting a nearby late-type M dwarf                                                                                                                  | YILEN GOMEZ MAQUEO CHEW<br>LAURENCE SABIN L. Delrez et al.                                  | ASTRONOMY &<br>ASTROPHYSICS                                   | 2022 |
| 38 | The messy death of a multiple star system and the resulting planetary nebula as observed by JWST                                                                                  | STAVROS AKRAS GUILLERMO MIGUEL<br>GARCIA SEGURA CHRISTOPHE ROGER<br>JACQUES MORISSET et al. | Nature<br>Astronomy                                           | 2022 |
| 39 | Detailed studies of IPHAS sources – I. The disrupted late bipolar IPHASX J193718.6+202102                                                                                         | LAURENCE SABIN JESUS ALBERTO<br>TOALA SANZ Guerrero M.A. et al.                             | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2021 |
| 40 | Detailed studies of IPHAS sources – III. The highly extinguished bipolar planetary nebula IPHASX J191104.8+060845                                                                 | LAURENCE SABIN JESUS ALBERTO<br>TOALA SANZ PEDRO FRANCISCO<br>GUILLEN REYES et al.          | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2021 |
| 41 | H alpha fluxes and extinction distances for planetary nebulae in the IPHAS survey of the northern galactic plane                                                                  | LAURENCE SABIN Dharmawardena<br>T.E. Barlow M.J. et al.                                     | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2021 |
| 42 | Multiwavelength Observations of the RV Tauri Variable System U Monocerotis: Long-term Variability Phenomena That Can Be Explained by Binary Interactions with a Circumbinary Disk | LAURENCE SABIN Laura D. Vega<br>Keivan G. Stassun et al.                                    | ASTROPHYSICAL<br>JOURNAL                                      | 2021 |
| 43 | Detailed studies of IPHAS sources – II. Sab 19, a true planetary nebula and its mimic crossing the Perseus Arm                                                                    | LAURENCE SABIN M. A. Guerrero R.<br>Ortiz et al.                                            | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2021 |
| 44 | X-ray observations of the nova shell IPHASX J210204.7+471015                                                                                                                      | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN G. Rubio et al.                                  | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY | 2021 |
| 45 | A large sub-Neptune transiting the thick-disk M4 V TOI-2406                                                                                                                       | ROMINA PAOLA PETRUCCI YILEN<br>GOMEZ MAQUEO CHEW LAURENCE<br>SABIN et al.                   | ASTRONOMY &<br>ASTROPHYSICS                                   | 2021 |

**LAURENCE SABIN**

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|----|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------|------|
| 46 | High-resolution H alpha imaging of the northern Galactic plane and the IGAPS image database                                | LAURENCE SABIN R. Greimel J. E. Drew et al.                              | ASTRONOMY & ASTROPHYSICS                          | 2021 |
| 47 | Angular Expansion of Nova Shells                                                                                           | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN E. Santamaria et al.          | ASTROPHYSICAL JOURNAL                             | 2020 |
| 48 | AGB winds in interacting binary stars                                                                                      | GUILLERMO MIGUEL GARCIA SEGURA<br>WOLFGANG STEFFEN LAURENCE SABIN et al. | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2020 |
| 49 | IGAPS: the merged IPHAS and UVEX optical surveys of the northern Galactic plane*                                           | LAURENCE SABIN M. Monguio R. Greimel et al.                              | ASTRONOMY & ASTROPHYSICS                          | 2020 |
| 50 | The near-infrared polarization of the pre-planetary nebula Frosty Leo                                                      | LAURENCE SABIN E. O. Serrano Bernal A. Luna et al.                       | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2020 |
| 51 | The Bubble Nebula NGC 7635-testing the wind-blown bubble theory                                                            | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN M. A. Guerrero et al.         | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2020 |
| 52 | Rings and arcs around evolved stars - II. The Carbon Star AFGL3068 and the Planetary Nebulae NGC6543, NGC7009, and NGC7027 | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN M. A. Guerrero et al.         | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2020 |
| 53 | ALMA reveals the coherence of the magnetic field geometry in OH 231.8+4.2                                                  | LAURENCE SABIN R. Sahai W. H. T. Vlemmings et al.                        | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2020 |
| 54 | Extended X-ray emission from the classic nova DQ Her - on the possible presence of a magnetized jet                        | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN M. A. Guerrero et al.         | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2020 |

## LAURENCE SABIN

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|----|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
| 55 | Planetary nebulae with Wolf-Rayet-type central stars – I. The case of the high-excitation NGC 2371      | JESUS ALBERTO TOALA SANZ<br>LAURENCE SABIN V. M. A.<br>Gomez-Gonzalez et al.               | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2020 |
| 56 | A super-Earth and a sub-Neptune orbiting the bright, quiet M3 dwarf TOI-1266                            | YILEN GOMEZ MAQUEO CHEW<br>LAURENCE SABIN ROMINA PAOLA<br>PETRUCCI et al.                  | ASTRONOMY &<br>ASTROPHYSICS                                                                 | 2020 |
| 57 | A submillimeter polarization analysis of Frosty Leo                                                     | LAURENCE SABIN WOLFGANG<br>STEFFEN Q. Zhang et al.                                         | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2019 |
| 58 | Measuring the expansion and age of the nova shell IPHASX J210204.7+471015                               | LAURENCE SABIN ROBERTO VAZQUEZ<br>MEZA JESUS ALBERTO TOALA SANZ et al.                     | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2019 |
| 59 | Recent developments at the OAN-SPM                                                                      | JOSE DE JESUS GONZALEZ GONZALEZ<br>MAURICIO REYES RUIZ WILLIAM HENRY<br>LEE ALARDIN et al. | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2018 |
| 60 | The inside-out planetary nebula around a born-again star                                                | LAURENCE SABIN CHRISTOPHE ROGER<br>JACQUES MORISSET Guerrero M.A.<br>et al.                | Nature<br>Astronomy                                                                         | 2018 |
| 61 | The interaction of the halo around the butterfly planetary nebula NGC650-1 with the interstellar medium | LAURENCE SABIN ROBERTO VAZQUEZ<br>MEZA JULIO CESAR RAMIREZ VELEZ et al.                    | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2018 |
| 62 | Investigating stellar magnetism (in evolved stars) in Mexico                                            | LAURENCE SABIN JULIO CESAR<br>RAMIREZ VELEZ DAVID SALOME<br>HIRIART GARCIA et al.          | CONTRIBUTIONS<br>OF THE<br>ASTRONOMICAL<br>OBSERVATORY<br>SKALNATE PLESO                    | 2018 |
| 63 | Discovery of a New Classical Nova Shell Around a Nova-like Cataclysmic Variable                         | LAURENCE SABIN GAGIK TOVMASIAN<br>RAUL MICHEL MURILLO et al.                               | ASTROPHYSICAL<br>JOURNAL                                                                    | 2018 |

## LAURENCE SABIN

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|----|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------|------|
| 64 | Catching a grown-up starfish planetary nebula – I. Morpho-kinematical study of PC 22                                  | LAURENCE SABIN ROBERTO VAZQUEZ MEZA PEDRO FRANCISCO GUILLEN REYES et al.         | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2017 |
| 65 | The remarkable outburst of the highly evolved post- period- minimum dwarf nova SSS J122221.7–311525                   | GAGIK TOVMASIAN LAURENCE SABIN Neustroev, V. V. et al.                           | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2017 |
| 66 | Pushing the limits: detecting H-2 emission from faint bipolar planetary nebulae in the IPHAS sample                   | LAURENCE SABIN Ramos-Larios, G. Guerrero, M. A. et al.                           | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2017 |
| 67 | Discovery of an eclipsing dwarf nova in the ancient nova shell Te 11                                                  | LAURENCE SABIN Miszalski, Brent Woudt, P. A. et al.                              | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2016 |
| 68 | Magnetic fields in PNe and other evolved low-mass and intermediate-mass stars                                         | LAURENCE SABIN ROBERTO VAZQUEZ MEZA Zhang Q. et al.                              | Iau Symposium Proceedings Series                  | 2016 |
| 69 | Rings and arcs around evolved stars – I. fingerprints of the last gasps in the formation process of planetary nebulae | LAURENCE SABIN Ramos-Larios, G. Santamaria, E. et al.                            | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2016 |
| 70 | Stellar longitudinal magnetic field determination through multi-Zeeman signatures                                     | JULIO CESAR RAMIREZ VELEZ LAURENCE SABIN ROBERTO ALEJANDRO RUELAS MAYORGA et al. | ASTRONOMY & ASTROPHYSICS                          | 2016 |
| 71 | Detection and characteristics of magnetic fields in evolved intermediate mass stars                                   | LAURENCE SABIN                                                                   | Iau Symposium Proceedings Series                  | 2015 |
| 72 | Magnetic fields in Proto Planetary Nebulae                                                                            | LAURENCE SABIN ROBERTO VAZQUEZ MEZA MARIA EUGENIA CONTRERAS MARTINEZ et al.      | Iau Symposium Proceedings Series                  | 2014 |
| 73 | Polarimetry of R Aqr and PN M2–9                                                                                      | LAURENCE SABIN JULIO CESAR RAMIREZ VELEZ DAVID SALOME HIRIART GARCIA et al.      | Iau Symposium Proceedings Series                  | 2014 |

**LAURENCE SABIN**

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|----|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|------|
| 74 | First release of the IPHAS catalogue of new extended planetary nebulae                               | LAURENCE SABIN Parker, Q. A. Corradi, R. L. M. et al.                | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2014 |
| 75 | The second data release of the INT Photometric Ha Survey of the Northern Galactic Plane (IPHAS DR2)  | LAURENCE SABIN Barentsen, Geert Farnhill, H. J. et al.               | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2014 |
| 76 | First detection of surface magnetic fields in post-AGB stars: The cases of U Monocerotis and R Scuti | LAURENCE SABIN Wade, G.A. Lèbre, A.                                  | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2014 |
| 77 | First results of an H alpha based search of classical Be stars in the Perseus Arm and beyond         | LAURENCE SABIN Raddi, R. Drew, J. E. et al.                          | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2013 |
| 78 | Interacting planetary nebulae II. Galactic population and interaction models                         | LAURENCE SABIN Ali, A. Ismail, H. A. et al.                          | ASTRONOMY & ASTROPHYSICS                                            | 2013 |
| 79 | Discovery of planetary nebulae using predictive mid-infrared diagnostics                             | LAURENCE SABIN Parker, Quentin A. Cohen, Martin et al.               | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2012 |
| 80 | Discovery of new faint northern galactic planetary nebulae                                           | LAURENCE SABIN Acker A. Boffin H.M.J. et al.                         | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA                        | 2012 |
| 81 | The filamentary multi-polar planetary nebula NGC5189                                                 | LAURENCE SABIN ROBERTO VAZQUEZ MEZA JOSE ALBERTO LOPEZ GARCIA et al. | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA                        | 2012 |
| 82 | Search for new planetary nebulae with the IPHAS Ha survey                                            | LAURENCE SABIN Corradi R.L.M. Mampaso A.                             | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS | 2011 |

## LAURENCE SABIN

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|----|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|------|
| 83 | New planetary nebulae with ISM interaction discovered with IPHAS                                        | LAURENCE SABIN Corradi R.L.M. Parker Q. et al.                              | Iau Symposium Proceedings Series                                    | 2011 |
| 84 | Low dispersion spectroscopy of point-symmetric planetary nebulae                                        | ROBERTO VAZQUEZ MEZA MARIA EUGENIA CONTRERAS MARTINEZ LAURENCE SABIN et al. | Iau Symposium Proceedings Series                                    | 2011 |
| 85 | The multi-polar planetary nebula NGC 5189                                                               | LAURENCE SABIN ROBERTO VAZQUEZ MEZA JOSE ALBERTO LOPEZ GARCIA et al.        | Iau Symposium Proceedings Series                                    | 2011 |
| 86 | A wealth of new planetary nebulae from the IPHAS survey                                                 | LAURENCE SABIN Corradi R.L.M.                                               | Iau Symposium Proceedings Series                                    | 2011 |
| 87 | IPHAS and the symbiotic stars – II. New discoveries and a sample of the most common mimics              | LAURENCE SABIN Corradi R.L.M. Valentini M. et al.                           | ASTRONOMY & ASTROPHYSICS                                            | 2010 |
| 88 | New candidate planetary nebulae in the IPHAS survey: The case of planetary nebulae with ISM interaction | LAURENCE SABIN Zijlstra A.A. Wareing C. et al.                              | PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF AUSTRALIA               | 2010 |
| 89 | A pile of new planetary nebulae in the galactic plane                                                   | LAURENCE SABIN Mampaso A. Corradi R.L.M. et al.                             | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS | 2009 |
| 90 | New young planetary nebulae in IPHAS                                                                    | LAURENCE SABIN GLORIA INMACULADA DELGADO INGLADA Viironen, K. et al.        | ASTRONOMY & ASTROPHYSICS                                            | 2009 |
| 91 | Candidate planetary nebulae in the IPHAS photometric catalogue                                          | LAURENCE SABIN GLORIA INMACULADA DELGADO INGLADA Viironen, K. et al.        | ASTRONOMY & ASTROPHYSICS                                            | 2009 |
| 92 | IPHAS and the symbiotic stars: I. Selection method and first discoveries                                | LAURENCE SABIN Corradi M. Rodríguez-Flores R. et al.                        | ASTRONOMY & ASTROPHYSICS                                            | 2008 |
| 93 | Initial data release from the INT photometric Ha survey of the Northern Galactic plane (IPHAS)          | LAURENCE SABIN González-Solares E.A. Walton N.A. et al.                     | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY                   | 2008 |

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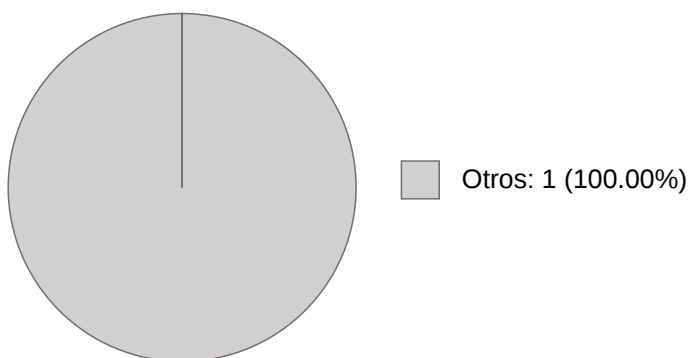
|    |                                                                                                                        |                                                            |                                                   |      |
|----|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------|------|
| 94 | Magnetic fields in planetary nebulae and post-AGB nebulae                                                              | LAURENCE SABIN Zijlstra A.A.<br>Greaves J.S.               | MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY | 2007 |
| 95 | Detection of magnetic field in late-type stars                                                                         | LAURENCE SABIN                                             | AIP Conference Proceedings                        | 2007 |
| 96 | New planetary nebulae found by the IPHAS survey                                                                        | LAURENCE SABIN Viironen K.<br>Rodríguez-Flores E.R. et al. | Iau Symposium Proceedings Series                  | 2006 |
| 97 | Period evolution of very long period variables: Looking for the origins of the circumstellar rings around AGBs and PNe | LAURENCE SABIN Zijlstra A.A.                               | AIP Conference Proceedings                        | 2005 |

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**LIBROS Y CAPITULOS CON ISBN**

**Obras con registro ISBN**



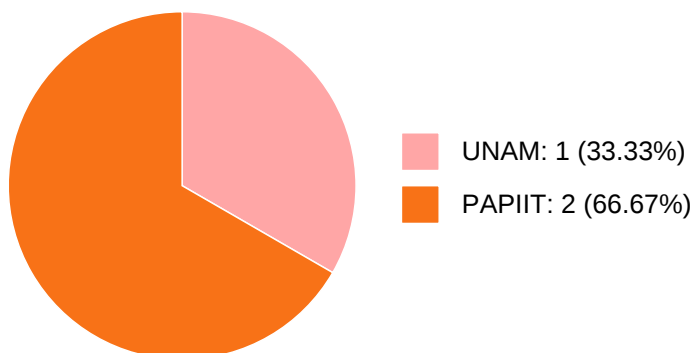
| # | Título                                             | Autores                                                              | Alcance               | Año  | ISBN          |
|---|----------------------------------------------------|----------------------------------------------------------------------|-----------------------|------|---------------|
| 1 | Possible Detection of a Magnetic Field in X Persei | LAURENCE SABIN DAVID<br>SALOME HIRIART GARCIA<br>Valyavin, G. et al. | Proceedin<br>gs Paper | 2017 | 9781583819043 |

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**PARTICIPACIÓN EN PROYECTOS**

**Histórico de participación en proyectos**



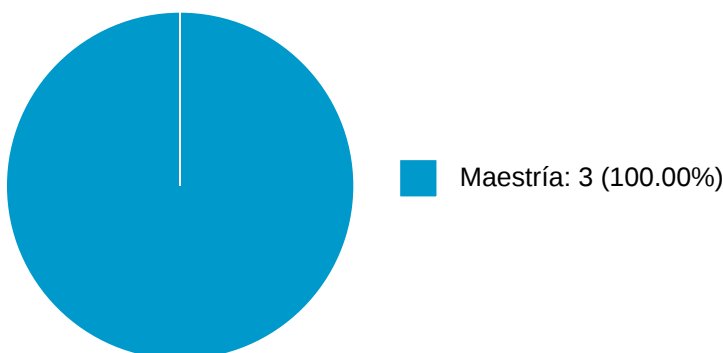
| # | Nombre                                                                                     | Participantes                                | Fuente                                           | Fecha inicio | Fecha fin  |
|---|--------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------|--------------|------------|
| 1 | Estudio de nebulosas planetarias en el marco del sondeo IPHAS.                             | LAURENCE SABIN                               | Recursos PAPIIT                                  | 01-01-2019   | 31-12-2021 |
| 2 | Estudio de Estrellas y Nebulosas evolucionadas en la era de los grandes sondeos            | LAURENCE SABIN                               | Recursos PAPIIT                                  | 01-01-2022   | 31-12-2024 |
| 3 | SAINT-EX: Searching and Characterising Transiting Exoplanets (Aprovechamiento científico). | YILEN GOMEZ<br>MAQUEO CHEW<br>LAURENCE SABIN | Presupuesto de la UNAM asignado a la Dependencia | 01-01-2021   | 05-09-2027 |

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**LAURENCE SABIN**

**PARTICIPACIÓN EN TESIS**

**Histórico de Colaboraciones en Tesis**



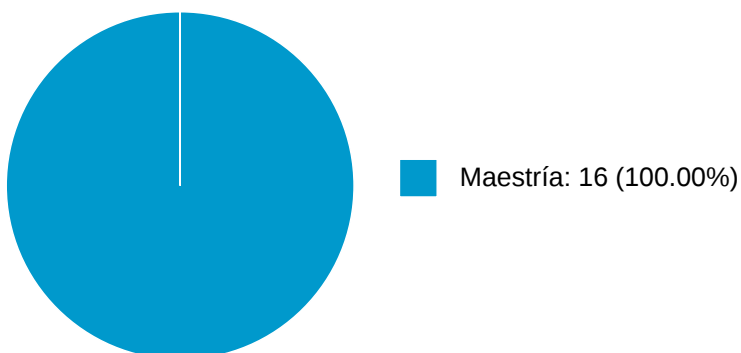
| # | Título del documento                                                                                            | Tipo de Tesis     | Sinodales       | Autores                             | Entidad                  | Año  |
|---|-----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-------------------------------------|--------------------------|------|
| 1 | Detección y análisis de nuevas estrellas simbióticas en el marco de los sondeos IGAPS y SDSS                    | Tesis de Maestría | LAURENCE SABIN, | Botello Nava, Marissa Krystal,      | Instituto de Astronomía, | 2023 |
| 2 | Estudio morfo-cinemático de la nebulosa planetaria "nacida de nuevo" NGC40                                      | Tesis de Maestría | LAURENCE SABIN, | Rodríguez González, Janis Berenice, | Instituto de Astronomía, | 2021 |
| 3 | Características de nebulosas planetarias con interacción con el medio interestelar en el marco del sondeo IPHAS | Tesis de Maestría | LAURENCE SABIN, | Moral Phelps, Ulises Alejandro del, | Instituto de Astronomía, | 2018 |

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**LAURENCE SABIN**

**DOCENCIA IMPARTIDA**

**Histórico de docencia**



| #  | Nivel titulación | Asignatura                                                                                      | Entidad                 | Alumnos | Semestre |
|----|------------------|-------------------------------------------------------------------------------------------------|-------------------------|---------|----------|
| 1  | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 9       | 2024-1   |
| 2  | Maestría         | SEMINARIO DE GRADUACIÓN                                                                         | Instituto de Astronomía | 1       | 2023-2   |
| 3  | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 2       | 2023-1   |
| 4  | Maestría         | SEMINARIO DE INVESTIGACIÓN II DE LOS CAMPOS DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL, CAMPOS PART | Instituto de Astronomía | 1       | 2023-1   |
| 5  | Maestría         | SEMINARIO DE INVESTIGACIÓN I DE LOS CAMPOS DE CONOCIMIENTO TEÓRICA, OBSERVACIONAL, CAMPOS PART  | Instituto de Astronomía | 1       | 2022-2   |
| 6  | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 6       | 2022-1   |
| 7  | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 4       | 2021-1   |
| 8  | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 2       | 2020-1   |
| 9  | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 2       | 2019-1   |
| 10 | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 2       | 2018-2   |
| 11 | Maestría         | SEMINARIO DE GRADUACIÓN                                                                         | Instituto de Astronomía | 1       | 2017-2   |
| 12 | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 4       | 2017-2   |
| 13 | Maestría         | SEMINARIO DE INVESTIGACION II-318616                                                            | Instituto de Astronomía | 1       | 2017-1   |
| 14 | Maestría         | MATERIA INTERESTELAR                                                                            | Instituto de Astronomía | 3       | 2016-2   |
| 15 | Maestría         | SEMINARIO DE INVESTIGACION I                                                                    | Instituto de Astronomía | 1       | 2016-2   |
| 16 | Maestría         | ASTROFISICA ESTELAR                                                                             | Instituto de Astronomía | 2       | 2016-1   |



**Sistema Integral de Información Académica**  
**Coordinación de Planeación, Evaluación y**  
**Simplificación de la Gestión Institucional**  
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**LAURENCE SABIN**

**PATENTES**

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

**LAURENCE SABIN**

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**LAURENCE SABIN**

**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 |