



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



**SALVADOR CARLOS CUEVAS CARDONA**

## Datos Generales

**Nombre:** SALVADOR CARLOS CUEVAS CARDONA

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 44 años

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## Nombramientos

**Vigente:** TECNICO ACADEMICO TITULAR C TC Definitivo  
Instituto de Astronomía  
Desde 01-01-2009

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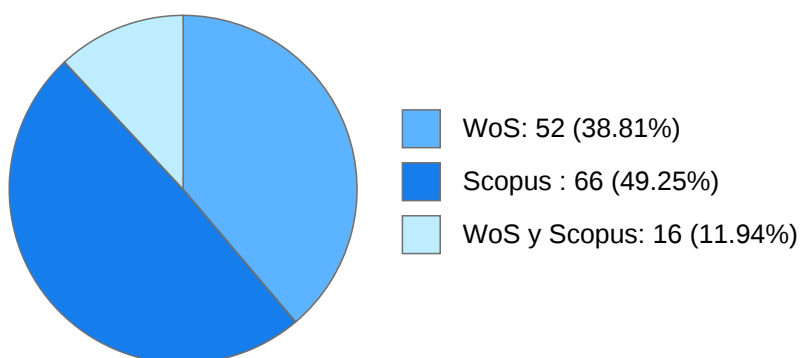
## Estímulos, programas, premios y reconocimientos

SNI III 2021 - VIGENTE  
SNI II - 2020  
PRIDE D - 2024

**SALVADOR CARLOS CUEVAS CARDONA**

**DOCUMENTOS EN REVISTAS**

**Histórico de Documentos**



| # | Título                                                                                      | Autores                                                                                                     | Revista                                                                                     | Año  |
|---|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
| 1 | CAGIRE: a wide-field NIR imager for the COLIBRI 1.3 meter robotic telescope                 | SALVADOR CARLOS CUEVAS<br>CARDONA ALEJANDRO FARAH SIMON<br>JORGE FUENTES FERNANDEZ et al.                   | EXPERIMENTAL<br>ASTRONOMY                                                                   | 2023 |
| 2 | Focus variation due to near infrared laser in a confocal microscope                         | REMY FERNAND AVILA FOUCAT<br>REINHER ROLANDO PIMENTEL<br>DOMINGUEZ SALVADOR CARLOS<br>CUEVAS CARDONA et al. | MICROSCOPY<br>RESEARCH AND<br>TECHNIQUE                                                     | 2022 |
| 3 | COLIBRI, a wide-field 1.3 m robotic telescope dedicated to the transient sky                | WILLIAM HENRY LEE ALARDIN EDGAR<br>OMAR CADENA ZEPEDA SALVADOR<br>CARLOS CUEVAS CARDONA et al.              | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2022 |
| 4 | Structural design techniques applied in DDRAGO/CAGIRE instruments for the COLIBRI telescope | ALEJANDRO FARAH SIMON JORGE<br>FUENTES FERNANDEZ SILVIO JORGE<br>TINOCO PUERTO et al.                       | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2022 |

**SALVADOR CARLOS CUEVAS CARDONA**

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| 5  | The control system of the DDRAGO imager of COLIBRI, a ground follow-up telescope of the SVOM mission          | FERNANDO ANGELES URIBE<br>SALVADOR CARLOS CUEVAS<br>CARDONA ALEJANDRO FARAH SIMON<br>et al.            | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2022 |
| 6  | AIV of FRIDA optics: from optical manufacturing to system cryogenic qualification                             | SALVADOR CARLOS CUEVAS<br>CARDONA OSCAR ARMANDO CHAPA<br>HERNANDEZ LUIS CARLOS ALVAREZ<br>NUÑEZ et al. | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2022 |
| 7  | Design of the DDRAGO wide-field imager for the COLIBRI telescope                                              | ROSALIA LANGARICA LEBRE ALAN<br>MORGAN WATSON FORSTER<br>FERNANDO ANGELES URIBE et al.                 | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2022 |
| 8  | FRIDA: diffraction-limited imaging and integral-field spectroscopy for the GTC                                | ALAN MORGAN WATSON FORSTER<br>LUIS CARLOS ALVAREZ NUÑEZ OSCAR<br>ARMANDO CHAPA HERNANDEZ et al.        | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2022 |
| 9  | Measurement of the optical turbulence produced by a drone                                                     | LUIS CARLOS ALVAREZ NUÑEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA Rodríguez García R.                     | OPTICAL<br>ENGINEERING                                                                      | 2019 |
| 10 | Implementation of MUAV as reference source for GLAO systems                                                   | RAUL RODRIGUEZ GARCIA SALVADOR<br>CARLOS CUEVAS CARDONA                                                | EXPERIMENTAL<br>ASTRONOMY                                                                   | 2019 |
| 11 | Optical design of coatli: A diffraction-limited visible imager with fast guiding and active optics correction | JORGE FUENTES FERNANDEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA ALAN MORGAN WATSON<br>FORSTER             | REVISTA<br>MEXICANA DE<br>ASTRONOMIA Y<br>ASTROFISICA                                       | 2018 |

**SALVADOR CARLOS CUEVAS CARDONA**

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|----|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------|
| 12 | Structural design techniques applied in astronomical instruments                                                       | ALEJANDRO FARAH SIMON ROSALIA LANGARICA LEBRE ALAN MORGAN WATSON FORSTER et al.          | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2018 |
| 13 | End-to-end simulations for COLIBRI, ground follow-up telescope for the SVOM mission                                    | ALAN MORGAN WATSON FORSTER FERNANDO ANGELES URIBE EDGAR OMAR CADENA ZEPEDA et al.        | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2018 |
| 14 | Primary and secondary mirror manufacturing for COLIBRI ground follow-up telescope of the SVOM mission                  | JORGE FUENTES FERNANDEZ ALAN MORGAN WATSON FORSTER SALVADOR CARLOS CUEVAS CARDONA et al. | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2018 |
| 15 | Determination of the residual and static aberrations of an adaptive optics integral field spectrograph                 | BEATRIZ SANCHEZ Y SANCHEZ ALAN MORGAN WATSON FORSTER SALVADOR CARLOS CUEVAS CARDONA      | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2018 |
| 16 | High-contrast observations of circumstellar environments with GTC/FRIDA: design and study of the coronagraphic devices | SALVADOR CARLOS CUEVAS CARDONA BEATRIZ SANCHEZ Y SANCHEZ N'Diaye M. et al.               | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2018 |
| 17 | Cryogenic application of an autocentering mount working at the diffraction limit                                       | BEATRIZ SANCHEZ Y SANCHEZ ANA CAROLINA KEIMAN FREIRE JORGE FUENTES FERNANDEZ et al.      | OPTICAL ENGINEERING                                                       | 2017 |

**SALVADOR CARLOS CUEVAS CARDONA**

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|----|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
| 18 | FRIDAs mechanisms control system structure and tests                                      | RUBEN ANQUILINO FLORES MEZA<br>GERARDO LARA LUCARIO BEATRIZ<br>SANCHEZ Y SANCHEZ et al.                | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2016 |
| 19 | Optical design of COATLI: An all-sky robotic optical imager with 0.3 arcsec image quality | JORGE FUENTES FERNANDEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA ALAN MORGAN WATSON<br>FORSTER et al.      | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2016 |
| 20 | Systems design of COATLI: An all-sky robotic optical imager with 0.3 arcsec image quality | SALVADOR CARLOS CUEVAS<br>CARDONA ALAN MORGAN WATSON<br>FORSTER JORGE FUENTES FERNANDEZ<br>et al.      | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2016 |
| 21 | COATLI: An all-sky robotic optical imager with 0.3 arcsec image quality                   | ALAN MORGAN WATSON FORSTER<br>SALVADOR CARLOS CUEVAS<br>CARDONA LUIS CARLOS ALVAREZ<br>NUÑEZ et al.    | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2016 |
| 22 | FRIDA: Diffraction-limited imaging and integral-field spectroscopy for the GTC            | ALAN MORGAN WATSON FORSTER<br>LUIS CARLOS ALVAREZ NUÑEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA et al.    | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2016 |
| 23 | FRIDA diffraction limited NIR instrument: The challenges of its verification processes    | ANA CAROLINA KEIMAN FREIRE<br>CARLOS ALBERTO ESPEJO PIEDRA<br>SALVADOR CARLOS CUEVAS<br>CARDONA et al. | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2014 |

**SALVADOR CARLOS CUEVAS CARDONA**

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|----|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
| 24 | Advances in the development of FRIDA's mechanisms control system and house-keeping                | RUBEN ANQUILINO FLORES MEZA<br>JOSE LEONARDO GARCES MEDINA<br>GERARDO LARA LUCARIO et al.             | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2014 |
| 25 | Indirect light collector for interior lighting                                                    | CELIA ANGELINA SANCHEZ PEREZ<br>AUGUSTO GARCIA VALENZUELA<br>SALVADOR CARLOS CUEVAS<br>CARDONA et al. | Energy<br>Procedia                                                                          | 2014 |
| 26 | Applications of variable focus liquid lenses for curvature wave-front sensors in astronomy        | JORGE FUENTES FERNANDEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA LUIS CARLOS ALVAREZ<br>NUÑEZ et al.      | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2014 |
| 27 | FRIDA integral field unit manufacturing                                                           | SALVADOR CARLOS CUEVAS<br>CARDONA BEATRIZ SANCHEZ Y<br>SANCHEZ Eikenberry S.S.                        | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2014 |
| 28 | FRIDA, the diffraction limited NIR imager and IFS for the Gran Telescopio Canarias: Status report | JOSE ALBERTO LOPEZ GARCIA DAVID<br>MITCHELL CLARK SALVADOR CARLOS<br>CUEVAS CARDONA et al.            | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2014 |
| 29 | FRIDA integral field spectroscopy PSF quality simulations                                         | SALVADOR CARLOS CUEVAS<br>CARDONA                                                                     | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2014 |

**SALVADOR CARLOS CUEVAS CARDONA**

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| 30 | OPTO-mechanical design of FRIDA                                                                         | BEATRIZ SANCHEZ Y SANCHEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA CARLOS ALBERTO ESPEJO<br>PIEDRA et al.  | REVISTA<br>MEXICANA DE<br>ASTRONOMIA Y<br>ASTROFISICA,<br>SERIE DE<br>CONFERENCIAS          | 2013 |
| 31 | High contrast imaging optical<br>specifications for FRIDA                                               | SALVADOR CARLOS CUEVAS<br>CARDONA N'diaye M. Dohlen K. et<br>al.                                       | REVISTA<br>MEXICANA DE<br>ASTRONOMIA Y<br>ASTROFISICA,<br>SERIE DE<br>CONFERENCIAS          | 2013 |
| 32 | FRIDA: The AO second generation<br>instrument for GTC, status report                                    | BEATRIZ SANCHEZ Y SANCHEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA OSCAR ARMANDO CHAPA<br>HERNANDEZ et al. | REVISTA<br>MEXICANA DE<br>ASTRONOMIA Y<br>ASTROFISICA,<br>SERIE DE<br>CONFERENCIAS          | 2013 |
| 33 | Frida integral field unit opto-mechanical<br>design                                                     | SALVADOR CARLOS CUEVAS<br>CARDONA Eikenberry S.S.                                                      | REVISTA<br>MEXICANA DE<br>ASTRONOMIA Y<br>ASTROFISICA,<br>SERIE DE<br>CONFERENCIAS          | 2013 |
| 34 | Tests and evaluation of a variable focus<br>liquid lens for curvature wavefront<br>sensors in astronomy | JORGE FUENTES FERNANDEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA LUIS CARLOS ALVAREZ<br>NUÑEZ et al.       | APPLIED OPTICS                                                                              | 2013 |
| 35 | Improved achromatization of phase<br>mask coronagraphs using colored<br>apodization                     | M. N'Diaye SALVADOR CARLOS<br>CUEVAS CARDONA CELIA ANGELINA<br>SANCHEZ PEREZ et al.                    | ASTRONOMY &<br>ASTROPHYSICS                                                                 | 2012 |
| 36 | Self-adjusting data acquisition system<br>for Low Layer SCIDAR                                          | J. L. Aviles REMY FERNAND AVILA<br>FOUCAT ALEJANDRO FARAH SIMON<br>et al.                              | MONTHLY<br>NOTICES OF THE<br>ROYAL<br>ASTRONOMICAL<br>SOCIETY                               | 2012 |
| 37 | FRIDA integral field unit opto-mechanical<br>design                                                     | SALVADOR CARLOS CUEVAS<br>CARDONA CARLOS ALBERTO ESPEJO<br>PIEDRA BEATRIZ SANCHEZ Y SANCHEZ<br>et al.  | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2012 |

**SALVADOR CARLOS CUEVAS CARDONA**

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|----|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
| 38 | Electronics and mechanisms control system for FRIDA (inFRared Imager and Dissector for Adaptive optics) | RUBEN ANQUILINO FLORES MEZA<br>SALVADOR CARLOS CUEVAS<br>CARDONA CARLOS ALBERTO ESPEJO<br>PIEDRA et al. | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2012 |
| 39 | Current status of FRIDA, diffraction limited NIR instrument for the GTC                                 | BEATRIZ SANCHEZ Y SANCHEZ<br>SALVADOR CARLOS CUEVAS<br>CARDONA OSCAR ARMANDO CHAPA<br>HERNANDEZ et al.  | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2012 |
| 40 | MIRADAS for the Gran Telescopio Canarias: System overview                                               | SALVADOR CARLOS CUEVAS<br>CARDONA Eikenberry S.S. Bennett<br>J.G. et al.                                | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2012 |
| 41 | Lab results of the circular phase mask concepts for high-contrast imaging of exoplanets                 | SALVADOR CARLOS CUEVAS<br>CARDONA N'Diaye M. Dohlen K. et al.                                           | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2012 |
| 42 | Manufacturing, testing, and metrology of axi-symmetric circular phase masks for stellar coronagraphy    | SALVADOR CARLOS CUEVAS<br>CARDONA CELIA ANGELINA SANCHEZ<br>PEREZ N'Diaye M. et al.                     | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2011 |
| 43 | Experimental advances in phase mask coronagraphy                                                        | SALVADOR CARLOS CUEVAS<br>CARDONA N'Diaye M. Dohlen K. et al.                                           | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2010 |

**SALVADOR CARLOS CUEVAS CARDONA**

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|----|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------|
| 44 | Experimental results with a second-generation Roddier & Roddier phase mask coronagraph | M. N'Diaye SALVADOR CARLOS CUEVAS CARDONA Dohlen, K. et al.                                     | ASTRONOMY & ASTROPHYSICS                                                  | 2010 |
| 45 | On the normalization of scintillation autocovariance for generalized SCIDAR            | REMY FERNAND AVILA FOUCAT SALVADOR CARLOS CUEVAS CARDONA                                        | OPTICS EXPRESS                                                            | 2009 |
| 46 | Cryogenic Tests of Bimetallic Diamond-Turned Mirrors for the FRIDA Integral Field Unit | SALVADOR CARLOS CUEVAS CARDONA CARLOS ALBERTO ESPEJO PIEDRA ANA CAROLINA KEIMAN FREIRE et al.   | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2008 |
| 47 | Development of a curvature wave-front sensor for the GUILOA adaptive optics system     | OSCAR ARMANDO CHAPA HERNANDEZ SALVADOR CARLOS CUEVAS CARDONA BEATRIZ SANCHEZ Y SANCHEZ et al.   | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2006 |
| 48 | IRMOS: The near-InfraRed multi-object spectrograph for the TMT                         | SALVADOR CARLOS CUEVAS CARDONA Eikenberry S. Andersen D. et al.                                 | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2006 |
| 49 | Optical-turbulence and wind profiles at san pedro mártir                               | REMY FERNAND AVILA FOUCAT LEONARDO JAVIER SANCHEZ PENICHE SALVADOR CARLOS CUEVAS CARDONA et al. | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS       | 2003 |
| 50 | 3D optical turbulence characterization at San Pedro Mártir                             | REMY FERNAND AVILA FOUCAT LEONARDO JAVIER SANCHEZ PENICHE SALVADOR CARLOS CUEVAS CARDONA et al. | REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS       | 2003 |

**SALVADOR CARLOS CUEVAS CARDONA**

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|----|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|
| 51 | Electronics and acceptance control system for the gran telescopio canarias commissioning instrument                       | RUBEN ANQUILINO FLORES MEZA<br>GERARDO LARA LUCARIO BEATRIZ<br>SANCHEZ Y SANCHEZ et al.        | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2002 |
| 52 | Finite element analysis of the GTC commissioning instrument structure                                                     | ALEJANDRO FARAH SIMON CARLOS<br>ALBERTO ESPEJO PIEDRA SALVADOR<br>CARLOS CUEVAS CARDONA et al. | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2002 |
| 53 | Efficiency of the Hartmann test with different subpupil forms for the measurement of turbulence-induced phase distortions | VALERI ORLOV SALVADOR CARLOS<br>CUEVAS CARDONA Voitsekhovich V.<br>et al.                      | APPLIED OPTICS                                                                              | 2001 |
| 54 | Adaptive optics tip - tilt system with fuzzy control                                                                      | RUBEN ANQUILINO FLORES MEZA<br>SALVADOR CARLOS CUEVAS<br>CARDONA Sotelo P. et al.              | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2000 |
| 55 | Curvature equation for a segmented telescope                                                                              | SALVADOR CARLOS CUEVAS<br>CARDONA VALERI ORLOV FERNANDO<br>GARFIAS MACEDO et al.               | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2000 |
| 56 | Laboratory demonstration of curvature method for segmented telescopes                                                     | FERNANDO GARFIAS MACEDO<br>SALVADOR CARLOS CUEVAS<br>CARDONA VALERI ORLOV et al.               | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 2000 |

**SALVADOR CARLOS CUEVAS CARDONA**

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|----|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------|
| 57 | Efficiency of off-axis astronomical adaptive systems: Comparison of experimental data for different astronomical sites | LEONARDO JAVIER SANCHEZ PENICHE VALERY VOYTSEKHOVICH VALERI ORLOV et al.                       | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2000 |
| 58 | Co-phasing of segmented mirror telescopes with curvature sensing                                                       | VALERI ORLOV SALVADOR CARLOS CUEVAS CARDONA FERNANDO GARFIAS MACEDO et al.                     | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2000 |
| 59 | Analysis of off-axis point spread function of astronomical adaptive systems for the site of San Pedro Martir           | VALERI ORLOV VALERY VOYTSEKHOVICH LEONARDO JAVIER SANCHEZ PENICHE et al.                       | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2000 |
| 60 | Adaptive secondary for the 2.1 m telescope at SPM observatory                                                          | ARTURO ISMAEL IRIARTE VALVERDE SALVADOR CARLOS CUEVAS CARDONA Graves J.Elon et al.             | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 2000 |
| 61 | The nulling stellar coronagraph: Laboratory tests and performance evaluation                                           | SALVADOR CARLOS CUEVAS CARDONA CARLOS ALBERTO ESPEJO PIEDRA GIANFRANCO BISACCHI GIRALDI et al. | PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC                   | 1999 |
| 62 | University of Mexico adaptive optics program                                                                           | SALVADOR CARLOS CUEVAS CARDONA FERNANDO GARFIAS MACEDO ARTURO ISMAEL IRIARTE VALVERDE et al.   | OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII | 1998 |

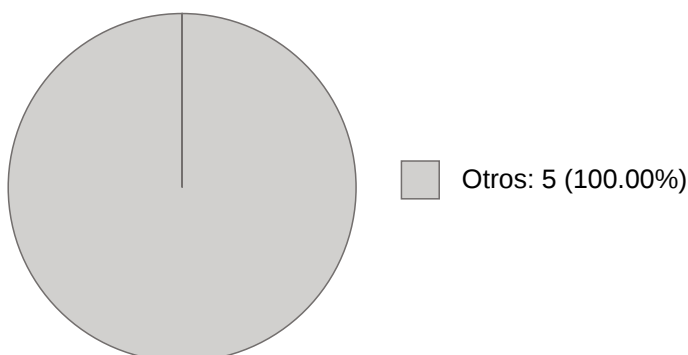
**SALVADOR CARLOS CUEVAS CARDONA**

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| 63 | AO optical tolerancing requirements for a segmented active telescope | SALVADOR CARLOS CUEVAS<br>CARDONA VALERI ORLOV Marchis F.                                                 | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 1998 |
| 64 | High resolution imaging with reference to a widely separated star    | SALVADOR CARLOS CUEVAS<br>CARDONA ROBERTO ALEJANDRO<br>RUELAS MAYORGA Baba N. et al.                      | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 1996 |
| 65 | Franco-Mexican Differential Speckle Interferometer                   | SALVADOR CARLOS CUEVAS<br>CARDONA SILVIO JORGE TINOCO<br>PUERTO LEONARDO JAVIER SANCHEZ<br>PENICHE et al. | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 1994 |
| 66 | Offset Guider/Alignment System for the 2.1 Munam Telescope           | ELFEGO GUILLERMO RUIZ SCHNEIDER<br>SALVADOR CARLOS CUEVAS<br>CARDONA ROSALIA LANGARICA<br>LEBRE et al.    | OPTICS,<br>PHOTONICS,<br>AND DIGITAL<br>TECHNOLOGIES<br>FOR IMAGING<br>APPLICATIONS<br>VIII | 1986 |

**SALVADOR CARLOS CUEVAS CARDONA**

**LIBROS Y CAPITULOS CON ISBN**

**Obras con registro ISBN**



| # | Título                                                                                                                                     | Autores                                                                                                      | Alcance              | Año  | ISBN          |
|---|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------|------|---------------|
| 1 | The DDRAGO wide-field imager for the COLIBRÍ telescope                                                                                     | ROSALIA LANGARICA<br>LEBRE ALAN MORGAN<br>WATSON FORSTER LUIS<br>CARLOS ALVAREZ NUÑEZ<br>et al.              | Conferenc<br>e Paper | 2024 | 9781510675155 |
| 2 | FRIDA Integral Field Unit laboratory acceptance tests                                                                                      | SALVADOR CARLOS<br>CUEVAS CARDONA LUIS<br>CARLOS ALVAREZ NUÑEZ<br>OSCAR ARMANDO<br>CHAPA HERNANDEZ et<br>al. | Conferenc<br>e Paper | 2024 | 9781510675155 |
| 3 | FRIDA: diffraction-limited imaging and integral-field spectroscopy for the GTC                                                             | ALAN MORGAN WATSON<br>FORSTER LUIS CARLOS<br>ALVAREZ NUÑEZ OSCAR<br>ARMANDO CHAPA<br>HERNANDEZ et al.        | Conferenc<br>e Paper | 2024 | 9781510675155 |
| 4 | Relevance of the infrastructure in laboratories and manufacturing workshops for the integration and validation of astronomical instruments | ANA CAROLINA KEIMAN<br>FREIRE ALEJANDRO<br>FARAH SIMON LUIS<br>CARLOS ALVAREZ NUÑEZ<br>et al.                | Conferenc<br>e Paper | 2024 | 9781510675230 |



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**Reporte individual**



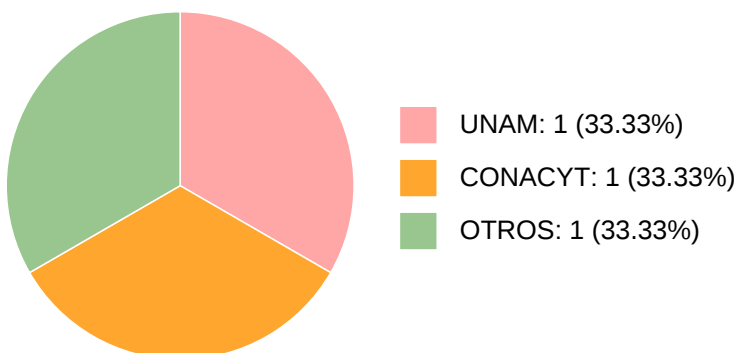
**SALVADOR CARLOS CUEVAS CARDONA**

|   |                                                                                                                    |                                                                                       |                  |      |               |
|---|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------|------|---------------|
| 5 | Manufacturing, assembly, integration and verification of the mechanical support structure of the DDRAGO instrument | ALEJANDRO FARAH<br>SIMON ROSALIA<br>LANGARICA LEBRE JORGE<br>FUENTES FERNANDEZ et al. | Conference Paper | 2024 | 9781510675230 |
|---|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------|------|---------------|

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**PARTICIPACIÓN EN PROYECTOS**

**Histórico de participación en proyectos**



| # | Nombre                                                                                                               | Participantes                                                      | Fuente                                                 | Fecha inicio   | Fecha fin  |
|---|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------|----------------|------------|
| 1 | Fronteras del C. FRIDA<br>"Instrumento Óptico Infrarojo de<br>muy alta calidad espectral".                           | SALVADOR CARLOS<br>CUEVAS CARDONA                                  | Recursos<br>CONACYT                                    | 23-05-2016     | 22-05-2018 |
| 2 | COATLI.(Consolidación).                                                                                              | ALAN MORGAN<br>WATSON FORSTER<br>SALVADOR CARLOS<br>CUEVAS CARDONA | Presupuesto de la<br>UNAM asignado a<br>la Dependencia | 01-01-2016     | 31-12-2025 |
| 3 | Detección directa y<br>espectroscópica de exoplanetas<br>con el instrumento FRIDA en el<br>Gran Telescopio Canarias. | SALVADOR CARLOS<br>CUEVAS CARDONA                                  | Recursos<br>CONAHCyT                                   | 24-05-202<br>4 | 22-05-2027 |



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**PARTICIPACIÓN EN TESIS**

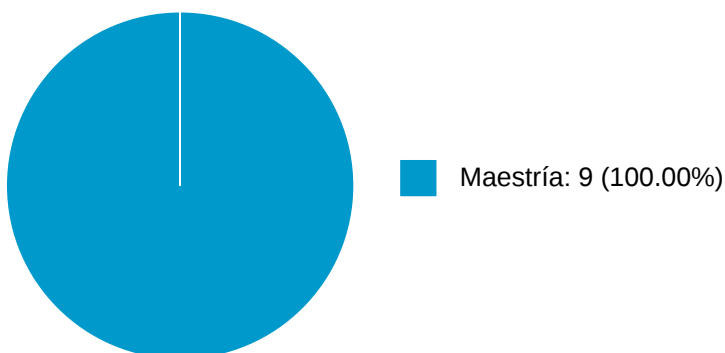
**No se encuentran registros en la base de datos de TESIUNAM asociados a:**

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**DOCENCIA IMPARTIDA**

**Histórico de docencia**



| # | Nivel titulación | Asignatura                                                                                                                                           | Entidad                 | Alumnos | Semestre |
|---|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|----------|
| 1 | Maestría         | TEMAS SELECTOS DE INSTRUMENTACIÓN ASTRONÓMICA                                                                                                        | Facultad de Ingeniería  | 0       | 2023-2   |
| 2 | Maestría         | TEMAS SELECTOS DE ÓPTICA EN LA INSTRUMENTACIÓN ASTRONÓMICA DEL CAMPO DE CONOCIMIENTO INST. OPTICA Y POLARIMETRIA PARA LA INSTRUMENTACIÓN ASTRONOMICA | Instituto de Astronomía | 1       | 2023-1   |
| 3 | Maestría         | TRABAJO DE INVESTIGACION I                                                                                                                           | Facultad de Ingeniería  | 3       | 2014-1   |
| 4 | Maestría         | TEMAS SELECTOS DE INSTRUMENTACION                                                                                                                    | Facultad de Ingeniería  | 5       | 2012-2   |
| 5 | Maestría         | TEMAS SELECTOS DE INSTRUMENTACION                                                                                                                    | Facultad de Ingeniería  | 5       | 2012-2   |
| 6 | Maestría         | INSTRUMENTACION ASTRONOMICA - INSTRUMENTACION ASTRONOMICA Y TELESCOPIOS                                                                              | Instituto de Astronomía | 2       | 2012-2   |
| 7 | Maestría         | TEMAS SELECTOS DE INSTRUMENTACION                                                                                                                    | Facultad de Ingeniería  | 3       | 2011-2   |
| 8 | Maestría         | TEMAS SELECTOS DE INSTRUMENTACION                                                                                                                    | Facultad de Ingeniería  | 6       | 2010-2   |
| 9 | Maestría         | TEMAS SELECTOS DE INSTRUMENTACION                                                                                                                    | Facultad de Ingeniería  | 5       | 2010-2   |



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**Reporte individual**



**SALVADOR CARLOS CUEVAS CARDONA**

**PATENTES**

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

**SALVADOR CARLOS CUEVAS CARDONA**

**SALVADOR CARLOS CUEVAS CARDONA**

**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 |