

Isabel Rebollido Vázquez

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Education and Career

- B.Sc. Physics in Universidade de Santiago de Compostela, Santiago de Compostela, Spain
Sep 2007 – Sep 2012
- M.Sc. Astrophysics in Universidad de La Laguna (Related to IAC), Canary Islands, Spain
Sep 2012 – Jun 2014
- Traineeship at ESAC (European Space Astronomy Centre): *Analysis of infrared data of exo-planet-forming transitional disks.*
July 2014 – Jun 2015
- PhD student, (Universidad Autónoma de Madrid, funded by Spanish Government FPI)
Jan 2016 – Dec 2019
- Postdoc (Space Telescope Science Institute)
Sept 2020 – present

Publications (Full list in [NASA ADS](#))

Refereed (17 total, 5 first authored)

- C. X. Lu et al., (2022): *Trends in Silicates in the β Pictoris Disk*
- **I. Rebollido** et al., (2022): *The search for gas in debris discs: ALMA detection of CO gas in HD 36546*
- C. A. Grady et al., (2021): *The Circumstellar Gas of Phi Leonis in the UV*
- C. Eiroa et al., (2021): *The A-shell star ϕ Leo revisited: its photospheric and circumstellar spectra*
- Lillo-Box et al., (2021): *Uncovering the ultimate planet impostor. An eclipsing brown dwarf in a hierarchical triple with two evolved stars*
- R. Bin et al., (2021): *A Layered Debris Disk around M Star TWA 7 in Scattered Light*
- P. Strøm et al., (2020): *Exocomets from a Solar System Perspective*
- **I. Rebollido** et al., (2020): *Exocomets: A spectroscopic survey*
- B. Montesinos et al., (2019): *HR 10: a main-sequence binary with circumstellar envelopes around both components. Discovery and analysis*
- **I. Rebollido** et al., (2019): *The co-existence of hot and cold gas in debris discs (Corrigendum)*
- D. Iglesias et al., (2018): *Debris discs with multiple absorption features in metallic lines: circumstellar or interstellar origin?*
- **I. Rebollido** et al., (2018): *The co-existence of hot and cold gas in debris discs*

- O. Barragán et al., (2018): *K2-139 b: a low-mass warm Jupiter on a 29-d orbit transiting an active K0 V star*
- H. Cánovas et al., (2018): *DZ Cha: a bona fide photo-evaporating disc*
- C. Eiroa et al., (2016): *Exocomet signatures around the A-shell star ϕ Leonis?*
- A. Ribas et al., (2016): *Constraining the properties of transitional disks in Chamaeleon I with Herschel.*
- P. Riviere-Marichalar et al., (2015): *Herschel-PACS observations of discs in the Eta Chamaeleontis association.*
- **I. Rebollido** et al., (2015): *Infrared study of transitional disks in Ophiuchus with Herschel*

Non-Refereed

- M. L. L. Dantas et al., (2020): *Women in academia: a warning on selection bias in gender studies from the astronomical perspective*
- **I. Rebollido** et al., (2019): *The search for exocomets. Gas around main-sequence stars (Spanish Astronomical Society meeting contribution)*
- G. Cataldi et al., (2019): *No Detection of Cold Dust around the Potential Exocomet Host ϕ Leo*
- J. Lillo-Box et al., (2018): *Towards completing Planetary Systems: The role of minor bodies on life growth and survival (White paper)*

Conferences

- COEFFIS VII (Physics Students Congress, La Laguna, Spain) April, 2014
Conference + Poster: *Photometric study of SDSS J0338+0021*
- ESA Summer Alumni Trainee Meeting (ESAC, Madrid) October, 2014
Conference: *Identification of transitional disks in Ophiuchus*
- SRE Science Workshop (Volendam, Netherlands) November, 2014
Poster: *Identifying new transitional disks in Ophiuchus with Herschel data*
- PLATO 2.0 Science Conference (Taormina, Italy) December, 2014
Poster: *The phase curve of Kepler-7b*
- Exoplanets I (Davos, Switzerland) 3-8 July, 2016
Poster: *Detection and characterization of Exocomets' signatures around Main-Sequence Stars*
- Planetary Systems Beyond the Main Sequence (Haifa, Israel) 5-10 March, 2017
Conference: *Can exocomets around Main-Sequence Stars tell us something about White Dwarfs polluted by asteroids?*
- Impacts in Planetary Systems (Lund, Sweden) 15-17 May, 2017
Conference: *Exocomets in Main-Sequence Stars*
- Planet Formation and Evolution (Jena, Germany) 25-27 September, 2017

Poster: *The close-in gaseous environment of main-sequence stars. Signatures of exocomets.*

- Diversis Mundi (Santiago, Chile) 5-9 March, 2018

Conference: *The search for Exocomets*

- Scientific Meeting of the Spanish Astronomical Society, SEA (Salamanca, España) 16-20 July, 2018

Conference: *The search for Exocomets. Gas around main-sequence stars*

- Current and future trends in Debris Disks II (Budapest, Hungary) 24-25 September, 2019

Conference: *Detection of Exocomets: The gaseous environment of MS stars*

- Five Years after HL Tau (Virtual, Santiago de Chile, ESO) 7-11 December, 2020

Conference: Exocomets and gas in debris disks

- STScI Spring Symposium (Virtual, STScI, Baltimore, USA) 19-23 April, 2021

Poster: Exocomets and the gaseous environment of MS-stars

Workshops

- Photonics & Laser Technology (Santiago de Compostela, Spain) July, 2012

- Herschel Data Processing For Newcomers (ESAC, Madrid) June, 2014

- ESAC Data Analysis & Statistics Workshop (ESAC, Madrid, Spain) October, 2014

- Spanish Virtual Observatory Workshop (ESAC, Madrid, Spain) November, 2014

- IAC Winter School: Radiative Transfer (La Laguna, Tenerife, Spain) November, 2017

- Exocomets (Leiden, Netherlands) 13-17 May, 2019

- Sagan Summer Workshop 2021 (Online, Caltech, USA) 19-23 July, 2021

Invited Talks

- ESAC Science Seminar (Madrid, Spain) September, 2015

Seminar: *Infrared Study of Transitional Disks in Ophiuchus with Herchel*

- The search for Exocomets: A high-resolution spectroscopic survey (University of Leeds) June 7th, 2019

- The search for Exocomets (PLATO-ESP2019, University of Warwick) September 4th, 2019

- Detection of Exocomets: The gaseous environment of MS stars (Instituto de Astrofísica de Andalucía) September 12th, 2019

- European Astronomical Society Annual Meeting: Planetesimal Belts symposium (Online) 28th-29th June, 2021.

Teaching Experience

- Universidad Autónoma de Madrid, Astrofísica y Cosmología, 4th year of Physics Degree
September-December, 2017

- Universidad Autónoma de Madrid, Física General, 1st year of Chemical Engineering

September-December, 2018

Outreach & Gender

Outreach

- *A vida dos planetas*, Universidade de Vigo, Program for the Elderly (Vigo, Spain)
- *Mulleres no firmamento*, IES Nº1 de Ribeira, Secondary School (Ribeira, Spain)
- *Mulleres e Astronomía*, CEIP Santa Baia de Boiro, Primary School (Boiro, Spain)
- *Day of women and girl in science*, CEIP Santa María do Castro, Primary School (Boiro, Spain)
- *Sistema Solar e Exoplanetas*, CEIP Frións, Primary School (Ribeira, Spain)
- *Con A de Astrónomas*, Guided exhibition, Universidad Autónoma de Madrid (Madrid, Spain)
- *IV Jornadas de Astronomía: Con A de Astrónomas*, Guided exhibition, Universidad Autónoma de Madrid

(Madrid, Spain)

- HST Public Lecture Series: The Importance of Small Objects: Exocomets (Online, STScI)

Gender

- *Member of the Women in Astronomy Commission of the Spanish Astronomical Society (March 2021 - present)*
- *Chatea con una Astrónoma*, Talk to a female Astronomer, Spanish Astronomical Society (2018, 2019, 2020)
- *Round table: Women and girls in science*, Universidad Autónoma de Madrid (Madrid, Spain)

Technical Skills

Observing experience

- *December 2015*: Four nights in Mercator Telescope (La Palma, Canary Islands, Spain)
- *January 2016*: Eight nights in Mercator and NOT Telescopes (La Palma, Canary Islands, Spain)
- *March 2016*: Eight nights in 2.2 MPG Telescope (La Silla, Chile)
- *July 2016*: Ten nights in Mercator and NOT Telescopes (La Palma, Canary Islands, Spain)
- *April 2017*: Eight nights in 2.2 MPG Telescope (La Silla, Chile)

Accepted proposals

- *ALMA Cycle 7 2019.1.01517.S, PI: Rebolledo, I.*
- *CHEOPS AO-1: GO ID 0021, PI: Rebolledo, I.*
- *James Webb Space Telescope Cycle 1 ID: 02053, PI: Rebolledo, I.*