Odette Toloza Castillo

Curriculum Vitae

"postdoctoral researcher"

Education

2014–2018 **PhD in Physics**, *University of Warwick*, UK.

2011–2012 **Master in Astrophysics**, *University of Valparaíso*, Chile, *GPA – 6.6 (scale 1 to 7).*

2007–2010 **Bachelor in Physics**, *University of Valparaíso*, Chile, GPA – 5.5 (scale 1 to 7).

Academic Experience

2018–2020 **Postdoctoral researcher**, *University of Warwick*, UK.

2021– **Postdoctoral researcher**, *Universidad Técnica Federico Santa María*, Chile.

2021– **Young researcher**, *Núcleo Milenio de Formación planetaria*, Chile.

Observational Experience

PARANAL 8.2m-UT2/X-Shooter

CTIO 4.0m-Blanco/ISPI – 1.5m/SIMON – 1.0m/OSU Y4KCam Imager – 0.9m/CCD

LCO Baade/IMACS – Clay/FIRE – Du Pont/DirectCCD

Mauna Kea IRTF/SpecX

ORM INT/WFC

Principal Investigator awards

PARANAL 8.2m-UT2/X-Shooter – ID:0100.D-0862

HST/COS 35 orbits – ID:15839

4MOST-LoI The compact white dwarf binary survey

SPECULOOS 0108.A-9010(A/B/C/D)

Proposals reviewed and papers refereed

2020 Liverpool Telescope 2020A

2020 refereed Astronomy & Astrophysics paper

2019 HST mid-cycle 27

Teaching

2014–2017 **Lab demonstrator**, *Electronics Workshop Module*, PX140, The University of Warwick.

2012–2013 **teaching**, *Introduction to Physics module*, CIV124, The University of Valparaiso. http://civil.uv.cl/

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2011 **teaching**, *Physics module*, PCI101, The University of Valparaiso. http://informatica.uv.cl/.

2008–2010 **support modules**, *Mechanics*, The University of Valparaiso.

Address: Department of Physics – University of Warwick, Coventry, UK.
(+44) 7981854618 • odette.toloza@warwick.ac.uk • Nationality: Chilean

Awards

2020 **FONDECYT**, *postdoctoral researcher*.

2019 **Winton prize**, *Best Astrophysics thesis of 2019*.

2018 **ECF (IAS)**, https://warwick.ac.uk/fac/cross_fac/ias/funding/ecf, DECLINED.

2016–2018 **RAS small grant scheme**, https://www.ras.org.uk/awards-and-grants.

2014–2018 **CONICYT**, http://www.conicyt.cl/becasconicyt/2013.

2012 **PIA-REU program**, http://www.ctio.noao.edu/noao/content/ctio-reupia-2012.

2011–2012 **BECA DE MAGISTER- UV**.

2008–2010 **Beca Bicentenario**, https://www.chileatiende.gob.cl/Bicentenario.

2007 **Beca de HONOR - UV**, *Distinction*, http://www.uv.cl/Beca-de-Honor.

School Attendance

2020 **ODSC Europe Virtual**, https://odsc.com/europe/.

2019 **KITP programme**, *Better Stars, Better Planets: Exploiting the Stellar-Exoplanetary Synergy*, https://www.kitp.ucsb.edu/activities/exostar19.

2016 **MESA Summer School**, *Santa Barbara – USA*, http://mesa_summer_school_2016.

Communication skills

Talks

2021 **University of Sheffield**, *invited*, online, UK.
"The cataclysmic variable HS0218+3229 as a constraint of the evolution of withe dwarfs accreting from more massive companions"

2020 **4MOST community workshop 2020**, *invited*, online, ESO.
"The compact white dwarf survey"

2019 **ESO workshop**, *invited*, Santiago, Chile.
"Magnetic braking in Cataclysmic Variables"

2019 **Planet Formation workshop**, Tokyo, Japan.
"From dust to dust: Remnants of planetary systems "

2019 **Compact white dwarf binaries**, *invited*, Yerevan, Armenia.
"Magnetic braking in Cataclysmic Variables"

2019 **SDSS Collaboration Meeting**, Ensenada, Mexico.
"Accreting white dwarf with nuclearly evolved companions"

2019 **Sloan V workshop**, Göttingen, Germany.
"White dwarf program"

2018 **21th European White Dwarf Workshop (EUROWD)**, Austin, USA.
"How is the disrupted planetesimal at the pulsating white dwarf G29-38 accreted?"

2018 **COSPAR: Nova Eruptions, Cataclysmic Variables and Related Systems: Observational vs. Theoretical Challenges in the 2020 Era**, Pasadena, USA.
"GW Librae: a unique laboratory for pulsations in an accreting white dwarf"

2018 **Seminars and Colloquia at ESO**, Santiago, Chile.
"Cataclysmic variables with nuclear evolved companions "

2018 **Observational Signatures of Type Ia Supernova Progenitors III** , Leiden, Netherlands.
"cataclysmic variables with evolved donors"

2017 **The Golden Age of Cataclysmic Variables and Related Objects-IV**, Palermo, Italy.
"Cataclysmic variables with evolved secondaries"

2017 **Ultraviolet Sky Surveys: The needs and the means**, Tel Aviv, Israel.
"Constraining the single degenerate channel from ultraviolet spectroscopic"

2016 **20th European White Dwarf Workshop (EUROWD)**, Coventry, United Kingdom.
"Constraints on the single degenerate channel from white dwarf atmospheric compositions"

2015 **The Golden Age of Cataclysmic Variables and Related Objects-III**, Palermo, Italy.
"GW Lib: a unique laboratory for pulsations"

2014 **First Chilean Astronomy Web (CHAW)**, Santiago de Chile, Chile.

Poster Presentations

2014 **19th European White Dwarf Workshop (EUROWD)**, *Montreal*, Canada, GW Lib: a Unique Laboratory for White Dwarf Pulsations.
http://adsabs.harvard.edu/abs/2015ASPC..493..253T

2013 **221st American Astronomical Society (AAS)**, *Long Beach*, California, Hunting for Brown Dwarf Exoplanets analogs.
http://adsabs.harvard.edu/abs/2013AAS...22115815T

2012 **SOciedad CHilena AStronomia (SOCHIAS)**, *Valparaiso*, Chile, Optical FeII in Mrk493.

2011 **Asociacion Argentina de Astronomia (AAA)**, *San Juan*, Argentina, Observacion de lentes gravitatorias con ALMA.
http://adsabs.harvard.edu/abs/20best Astrophysics thesis of 201911BAAA...54..385B

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Programming and computing skills

Advanced	MESA, python MATHEMATICA, IDL, CLOUDY IRAF, PERIOD04
intermediate	fortran, C/C++

Refereed Publications (ADS H index – 18)

[1] V. Chandra, H.-C. Hwang, N. L. Zakamska, B. T. Gaensicke, J. J. Hermes, A. Schwope, C. Badenes, G. Tovmassian, E. B. Bauer, D. Maoz, M. R. Schreiber, O. F. **Toloza**, K. P. Inight, H.-W. Rix, and W. R. Brown *"A 99-minute Double-lined White Dwarf Binary from SDSS-V"*, *arXiv e-prints*, Aug. 2021.

[2] D. J. Wilson, O. **Toloza**, J. D. Landstreet, B. T. Gaensicke, J. J. Drake, J. J. Hermes, and D. Koester *"Discovery of a young pre-intermediate polar"*, *arXiv e-prints*, Aug. 2021.

[3] N. P. Gentile Fusillo, C. J. Manser, B. T. Gänsicke, O. **Toloza**, D. Koester, E. Dennihy, W. R. Brown, J. Farihi, M. A. Hollands, M. J. Hoskin, P. Izquierdo, T. Kinnear, T. R. Marsh, A. Santamaría-Miranda, A. F. Pala, S. Redfield, P. Rodríguez-Gil, M. R. Schreiber, D. Veras, and D. J. Wilson *"White dwarfs with planetary remnants in the era of Gaia - I. Six emission line systems"*, *MNRAS*, vol. 504, June 2021.

[4] P. Chote, B. T. Gänsicke, J. McCormac, A. Aungwerojwit, D. Bayliss, M. R. Burleigh, S. L. Casewell, P. Eigmüller, S. Gill, M. R. Goad, J. J. Hermes, J. S. Jenkins, A. S. Mukadam, S. Poshyachinda, L. Raynard, D. E. Reichart, P. Szkody, O. **Toloza**, R. G. West, and P. J. Wheatley *"NGTS and HST insights into the long-period modulation in GW Librae"*, *MNRAS*, vol. 502, Mar. 2021.

[5] P. Izquierdo, O. **Toloza**, B. T. Gänsicke, P. Rodríguez-Gil, J. Farihi, D. Koester, J. Guo, and S. Redfield *"GD 424 - a helium-atmosphere white dwarf with a large amount of trace hydrogen in the process of digesting a rocky planetesimal"*, *MNRAS*, Dec. 2020.

[6] M. J. Hoskin, O. **Toloza**, B. T. Gänsicke, R. Raddi, D. Koester, A. F. Pala, C. J. Manser, J. Farihi, M. T. Belmonte, M. Hollands, N. Gentile Fusillo, and A. Swan *"White dwarf pollution by hydrated planetary remnants: hydrogen and metals in WD J204713.76-125908.9"*, *MNRAS*, vol. 499, Sept. 2020.

[7] R. P. Ashley, T. R. Marsh, E. Breedt, B. T. Gänsicke, A. F. Pala, O. **Toloza**, P. Chote, J. R. Thorstensen, and M. R. Burleigh *"V1460 Her: a fast spinning white dwarf accreting from an evolved donor star"*, *MNRAS*, vol. 499, Sept. 2020.

[8] P. E. Tremblay, M. A. Hollands, N. P. Gentile Fusillo, J. McCleery, P. Izquierdo, B. T. Gänsicke, E. Cukanovaite, D. Koester, W. R. Brown, S. Charpinet, T. Cunningham, J. Farihi, N. Giammichele, V. van Grootel, J. J. Hermes, M. J. Hoskin, S. Jordan, S. O. Kepler, S. J. Kleinman, C. J. Manser, T. R. Marsh, D. de Martino, A. Nitta, S. G. Parsons, I. Pelisoli, R. Raddi, A. Rebassa-Mansergas, J. J. Ren, M. R. Schreiber, R. Silvotti, O. **Toloza**, S. Toonen, and S. Torres *"Gaia white dwarfs within 40 pc - I. Spectroscopic observations of new candidates"*, *MNRAS*, vol. 497, July 2020.

[9] Z. Vanderbosch, J. J. Hermes, E. Dennihy, B. H. Dunlap, P. Izquierdo, P. E. Tremblay, P. B. Cho, B. T. Gänsicke, O. **Toloza**, K. J. Bell, M. H. Montgomery, and D. E. Winget *"A White Dwarf with Transiting Circumstellar Material Far outside the Roche Limit"*, *ApJ*, vol. 897, July 2020.

[10] B. T. Gänsicke, D. Koester, R. Raddi, O. **Toloza**, and S. O. Kepler *"SDSS J124043.01+671034.68: the partially burned remnant of a low-mass white dwarf that underwent thermonuclear ignition?"*, *MNRAS*, vol. 496, June 2020.

[11] M. Monguió, R. Greimel, J. E. Drew, G. Barentsen, P. J. Groot, M. J. Irwin, J. Casares, B. T. Gänsicke, P. J. Carter, J. M. Corral-Santana, N. P. Gentile-Fusillo, S. Greiss, L. M. van Haaften, M. Hollands, D. Jones, T. Kupfer, C. J. Manser, D. N. A. Murphy, A. F. McLeod, T. Oosting, Q. A. Parker, S. Pyrzas, P. Rodríguez-Gil, J. van Roestel, S. Scaringi, P. Schellart, O. **Toloza**, O. Vaduvescu, L. van Spaandonk, K. Verbeek, N. J. Wright, J. Eislöffel, J. Fabregat, A. Harris, R. A. H. Morris, S. Phillipps, R. Raddi, L. Sabin, Y. Unruh, J. S. Vink, R. Wesson, A. Cardwell, A. de Burgos, R. K. Cochrane, S. Doostmohammadi, T. Mocnik, H. Stoev, L. Suárez-Andrés, V. Tudor, T. G. Wilson, and

T. J. Zegmott *"IGAPS: the merged IPHAS and UVEX optical surveys of the northern Galactic plane"*, *A&A*, vol. 638, June 2020.

[12] A. F. Pala, B. T. Gänsicke, E. Breedt, C. Knigge, J. J. Hermes, N. P. Gentile Fusillo, M. A. Hollands, T. Naylor, I. Pelisoli, M. R. Schreiber, S. Toonen, A. Aungwerojwit, E. Cukanovaite, E. Dennihy, C. J. Manser, M. L. Pretorius, S. Scaringi, and O. **Toloza** *"A Volume-limited Sample of Cataclysmic Variables from Gaia DR2: Space Density and Population Properties"*, *MNRAS*, vol. 494, Apr. 2020.

[13] P. Rodríguez-Gil, T. Shahbaz, M. A. P. Torres, B. T. Gänsicke, P. Izquierdo, O. **Toloza**, A. Álvarez-Hernández, D. Steeghs, L. van Spaandonk, D. Koester, and D. Rodríguez *"When the disc's away, the stars will play: dynamical masses in the nova-like variable KR Aur with a pinch of accretion"*, *MNRAS*, vol. 494, Mar. 2020.

[14] B. T. Gänsicke, M. R. Schreiber, O. **Toloza**, N. P. Gentile Fusillo, D. Koester, and C. J. Manser *"Accretion of a giant planet onto a white dwarf star"*, *Nature*, vol. 576, Dec. 2019.

[15] M. R. Schreiber, B. T. Gänsicke, O. **Toloza**, M.-S. Hernandez, and F. Lagos *"Cold Giant Planets Evaporated by Hot White Dwarfs"*, *ApJ*, vol. 887, Dec. 2019.

[16] E. Cukanovaite, P. E. Tremblay, B. Freytag, H. G. Ludwig, G. Fontaine, P. Brassard, O. **Toloza**, and D. Koester *"Calibration of the mixing-length theory for structures of helium-dominated atmosphere white dwarfs"*, *MNRAS*, vol. 490, Nov. 2019.

[17] R. Raddi, M. A. Hollands, D. Koester, J. J. Hermes, B. T. Gänsicke, U. Heber, K. J. Shen, D. M. Townsley, A. F. Pala, J. S. Reding, O. F. **Toloza**, I. Pelisoli, S. Geier, N. P. Gentile Fusillo, U. Munari, and J. Strader *"Partly burnt runaway stellar remnants from peculiar thermonuclear supernovae"*, *MNRAS*, vol. 489, Oct. 2019.

[18] Z. Yu, J. R. Thorstensen, S. Rappaport, A. Mann, T. Jacobs, L. Nelson, B. T. Gänsicke, D. LaCourse, T. Borkovits, J. Aiken, D. Steeghs, O. **Toloza**, A. Vanderburg, and D. N. C. Lin *"A 9-h CV with one outburst in 4 yr of Kepler data"*, *MNRAS*, vol. 489, Oct. 2019.

[19] C. J. Manser, B. T. Gänsicke, S. Eggl, M. Hollands, P. Izquierdo, D. Koester, J. D. Landstreet, W. Lyra, T. R. Marsh, F. Meru, A. J. Mustill, P. Rodríguez-Gil, O. **Toloza**, D. Veras, D. J. Wilson, M. R. Burleigh, M. B. Davies, J. Farihi, N. Gentile Fusillo, D. de Martino, S. G. Parsons, A. Quirrenbach, R. Raddi, S. Reffert, M. Del Santo, M. R. Schreiber, R. Silvotti, S. Toonen, E. Villaver, M. Wyatt, S. Xu, and S. Portegies Zwart *"A planetesimal orbiting within the debris disc around a white dwarf star"*, *Science*, vol. 364, Apr. 2019.

[20] D. J. Wilson, B. T. Gänsicke, D. Koester, O. **Toloza**, J. B. Holberg, S. P. Preval, M. A. Barstow, C. Belardi, M. R. Burleigh, S. L. Casewell, P. W. Cauley, P. Chote, J. Farihi, M. A. Hollands, K. S. Long, and S. Redfield *"Multiwavelength observations of the EUV variable metal-rich white dwarf GD 394"*, *MNRAS*, vol. 483, Mar. 2019.

[21] B. T. Gänsicke, D. Koester, J. Farihi, and O. **Toloza** *"Broadening of Ly α by neutral helium in DBA white dwarfs"*, *MNRAS*, vol. 481, Dec. 2018.

[22] J. Farihi, R. van Lieshout, P. W. Cauley, E. Dennihy, K. Y. L. Su, S. J. Kenyon, T. G. Wilson, O. **Toloza**, B. T. Gänsicke, T. von Hippel, S. Redfield, J. H. Debes, S. Xu, L. Rogers, A. Bonsor, A. Swan, A. F. Pala, and W. T. Reach *"Dust production and depletion in evolved planetary systems"*, *MNRAS*, vol. 481, Dec. 2018.

[23] P. Izquierdo, P. Rodríguez-Gil, B. T. Gänsicke, A. J. Mustill, O. **Toloza**, P.-E. Tremblay, M. Wyatt, P. Chote, S. Eggl, J. Farihi, D. Koester, W. Lyra, C. J. Manser, T. R. Marsh, E. Pallé, R. Raddi,

D. Veras, E. Villaver, and S. Portegies Zwart *"Fast spectrophotometry of WD 1145+017"*, *MNRAS*, vol. 481, Nov. 2018.

[24] K. J. Shen, D. Boubert, B. T. Gänsicke, S. W. Jha, J. E. Andrews, L. Chomiuk, R. J. Foley, M. Fraser, M. Gromadzki, J. Guillochon, M. M. Kotze, K. Maguire, M. R. Siebert, N. Smith, J. Strader, C. Badenes, W. E. Kerzendorf, D. Koester, M. Kromer, B. Miles, R. Pakmor, J. Schwab, O. **Toloza**, S. Toonen, D. M. Townsley, and B. J. Williams *"Three Hypervelocity White Dwarfs in Gaia DR2: Evidence for Dynamically Driven Double-degenerate Double-detonation Type Ia Supernovae"*, *ApJ*, vol. 865, Sept. 2018.

[25] O. Vaduvescu, L. Hudin, T. Mocnik, F. Char, A. Sonka, V. Tudor, I. Ordonez-Etxeberria, M. Díaz Alfaro, R. Ashley, R. Errmann, P. Short, A. Moloceniuc, R. Cornea, V. Inceu, D. Zavoianu, M. Popescu, L. Curelaru, S. Mihalea, A. M. Stoian, A. Boldea, R. Toma, L. Fields, V. Grigore, H. Stoev, F. Lopez-Martinez, N. Humphries, P. Sowicka, Y. Ramanjooloo, A. Manilla-Robles, F. C. Riddick, F. Jimenez-Lujan, J. Mendez, F. Aceituno, A. Sota, D. Jones, S. Hidalgo, S. Murabito, I. Oteo, A. Bongiovanni, O. Zamora, S. Pyrzas, R. Génova-Santos, J. Font, A. Bereciartua, I. Perez-Fournon, C. E. Martínez-Vázquez, M. Monelli, L. Cicuendez, L. Monteagudo, I. Agulli, H. Bouy, N. Huélamo, M. Monguió, B. T. Gänsicke, D. Steeghs, N. P. Gentile-Fusillo, M. A. Hollands, O. **Toloza**, C. J. Manser, V. Dhillon, D. Sahman, A. Fitzsimmons, A. McNeill, A. Thompson, M. Tabor, D. N. A. Murphy, J. Davies, C. Snodgrass, A. H. M. J. Triaud, P. J. Groot, S. Macfarlane, R. Peletier, S. Sen, T. İkiz, H. Hoekstra, R. Herbonnet, F. Köhlinger, R. Greimel, A. Afonso, Q. A. Parker, A. K. H. Kong, C. Bassa, and Z. Pleunis *"280 one-opposition near-Earth asteroids recovered by the EURONEAR with the Isaac Newton Telescope"*, *A&A*, vol. 609, Jan. 2018.

[26] P. Szkody, A. S. Mukadam, O. **Toloza**, B. T. Gänsicke, Z. Dai, A. F. Pala, E. O. Waagen, P. Godon, and E. M. Sion *"Hubble Space Telescope Ultraviolet Light Curves Reveal Interesting Properties of CC Sculptoris and RZ Leonis"*, *AJ*, vol. 153, Mar. 2017.

[27] P. Godon, E. M. Sion, B. T. Gänsicke, I. Hubeny, D. de Martino, A. F. Pala, P. Rodríguez-Gil, P. Szkody, and O. **Toloza** *"Spectroscopy from the Hubble Space Telescope Cosmic Origins Spectrograph of the Southern Nova-like BB Doradus in an Intermediate State"*, *ApJ*, vol. 833, Dec. 2016.

[28] T. R. Marsh, B. T. Gänsicke, S. Hümmerich, F. J. Hambsch, K. Bernhard, C. Lloyd, E. Breedt, E. R. Stanway, D. T. Steeghs, S. G. Parsons, O. **Toloza**, M. R. Schreiber, P. G. Jonker, J. van Roestel, T. Kupfer, A. F. Pala, V. S. Dhillon, L. K. Hardy, S. P. Littlefair, A. Aungwerojwit, S. Arjyotha, D. Koester, J. J. Bochinski, C. A. Haswell, P. Frank, and P. J. Wheatley *"A radio-pulsing white dwarf binary star"*, *Nature*, vol. 537, Sept. 2016.

[29] P. Szkody, A. S. Mukadam, B. T. Gänsicke, P. Chote, P. Nelson, G. Myers, O. **Toloza**, E. O. Waagen, E. M. Sion, D. J. Sullivan, and D. M. Townsley *"GW Librae: Still Hot Eight Years Post-outburst"*, *AJ*, vol. 152, Aug. 2016.

[30] O. **Toloza**, B. T. Gänsicke, J. J. Hermes, D. M. Townsley, M. R. Schreiber, P. Szkody, A. Pala, K. Beuermann, L. Bildsten, E. Breedt, M. Cook, P. Godon, A. A. Henden, I. Hubeny, C. Knigge, K. S. Long, T. R. Marsh, D. de Martino, A. S. Mukadam, G. Myers, P. Nelson, A. Oksanen, J. Patterson, E. M. Sion, and M. Zorotovic *"GW Librae: a unique laboratory for pulsations in an accreting white dwarf"*, *MNRAS*, vol. 459, July 2016.

[31] S. G. Parsons, M. R. Schreiber, B. T. Gänsicke, A. Rebassa-Mansergas, R. Brahm, M. Zorotovic, O. **Toloza**, A. F. Pala, C. Tappert, A. Bayo, and A. Jordán *"The first pre-supersoft X-ray binary"*, *MNRAS*, vol. 452, Sept. 2015.

[32] D. J. Wilson, B. T. Gänsicke, D. Koester, O. **Toloza**, A. F. Pala, E. Breedt, and S. G. Parsons *"The composition of a disrupted extrasolar planetesimal at SDSS J0845+2257 (Ton 345)"*, *MNRAS*, vol. 451, Aug. 2015.

[33] M. A. Thompson, J. D. Kirkpatrick, G. N. Mace, M. C. Cushing, C. R. Gelino, R. L. Griffith, M. F. Skrutskie, P. R. M. Eisenhardt, E. L. Wright, K. A. Marsh, K. J. Mix, C. A. Beichman, J. K. Faherty, O. **Toloza**, J. Ferrara, B. Apodaca, I. S. McLean, and J. S. Bloom *"Nearby M, L, and T Dwarfs Discovered by the Wide-field Infrared Survey Explorer (WISE)"*, *PASP*, vol. 125, July 2013.

[34] A. Rebassa-Mansergas, M. Zorotovic, M. R. Schreiber, B. T. Gänsicke, J. Southworth, A. Nebot Gómez-Morán, C. Tappert, D. Koester, S. Pyrzas, C. Papadaki, L. Schmidtobreick, A. Schwope, and O. **Toloza** *"Post-common envelope binaries from SDSS - XVI. Long orbital period systems and the energy budget of common envelope evolution"*, *MNRAS*, vol. 423, June 2012.

[35] M. Zorotovic, M. R. Schreiber, B. T. Gänsicke, A. Rebassa-Mansergas, A. Nebot Gómez-Morán, J. Southworth, A. D. Schwope, S. Pyrzas, P. Rodríguez-Gil, L. Schmidtobreick, R. Schwarz, C. Tappert, O. **Toloza**, and N. Vogt *"Post common envelope binaries from SDSS. XIII. Mass dependencies of the orbital period distribution"*, *A&A*, vol. 536, Dec. 2011.

[36] A. Nebot Gómez-Morán, B. T. Gänsicke, M. R. Schreiber, A. Rebassa-Mansergas, A. D. Schwope, J. Southworth, A. Aungwerojwit, M. Bothe, P. J. Davis, U. Kolb, M. Müller, C. Papadaki, S. Pyrzas, A. Rabitz, P. Rodríguez-Gil, L. Schmidtobreick, R. Schwarz, C. Tappert, O. **Toloza**, J. Vogel, and M. Zorotovic *"Post common envelope binaries from SDSS. XII. The orbital period distribution"*, *A&A*, vol. 536, Dec. 2011.

[37] M. R. Schreiber, B. T. Gänsicke, A. Rebassa-Mansergas, A. Nebot Gomez-Moran, J. Southworth, A. D. Schwope, M. Müller, C. Papadaki, S. Pyrzas, A. Rabitz, P. Rodríguez-Gil, L. Schmidtobreick, R. Schwarz, C. Tappert, O. **Toloza**, J. Vogel, and M. Zorotovic *"Post common envelope binaries from SDSS. VIII. Evidence for disrupted magnetic braking"*, *A&A*, vol. 513, Apr. 2010.