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- RESEARCH INTERESTS Evolution of stars and exoplanets
Stellar magnetic activity and gyrochronology
Variability of stars and protoplanetary disks
- EDUCATION **Hamburg University**, Germany, PhD in Astrophysics 2011/05
Thesis: "Magnetic activity of planet-hosting stars", advisor:
J.H.M.M. Schmitt
- Goethe University Frankfurt**, Germany, MSc. in Physics 2004/02
Thesis: "The Casimir effect in space-times with compactified extra
dimensions", advisor: H. Stöcker
- APPOINTMENTS **Queen's University Belfast**, UK
Astrophysics faculty member (Lecturer/Assistant Professor); since 2015
working on exoplanets and stellar activity
- Harvard-Smithsonian Center for Astrophysics**, Cambridge, USA
Research Associate; working on exoplanets and stellar activity since 2015
Sagan Fellow; working on evolution of magnetic activity and 2013-2015
variability of planet-hosting stars, X-ray studies of exoplanets
Postdoctoral Fellow; worked with S.J. Wolk on star formation, 2012-2013
variability of young stars and their disks
- Hamburg Observatory**, Germany
Postdoctoral Fellow; worked with J.H.M.M.Schmitt on stellar 2011-2012
magnetic activity, star-planet interactions, activity cycles
- Environmental Protection Encouragement Agency**, Hamburg, Germany
Scientist and project manager; led team of scientists and designers 2005-2007
working on eco-effective product development
- PUBLICATIONS 12 first-author publications in peer-reviewed international journals,
1 invited review, additional 10 peer-reviewed publications as co-author, 1 entry
in Astrophysics Source Code Library.
Total citations: 472; h-index: 13 (as of June 2016).
Full list of publications at the end of this CV.

HONORS & AWARDS Sagan Fellowship, “Understanding exoplanet systems through high-energy observations” 2013 - 2016

Merit fellowship of *Studienstiftung des deutschen Volkes* (German National Academic Foundation; selects ca. 0.5% of the German students for sponsorship) 2001 - 2004

FUNDING Total external research funding: USD 622 000 as Principal Investigator, excluding fellowships USD 375 000.

Grant	Year	Involvement	Value
STFC PATT grant	2016 - 2018	PI	GBP 47 000
Chandra GO, Cycle 17	2016 - 2018	science PI, funding Co-I	USD 19 649
Chandra GO, Cycle 17	2016 - 2018	science PI, funding Co-I	USD 16 948
Chandra GO, Cycle 16	2014 - 2016	PI	USD 65 466
NASA ADAP, round 2013	2014 - 2016	PI	USD 74 021
Chandra DDT, Cycle 15	2014 - 2016	PI	USD 16 000
Chandra GO, Cycle 15	2013 - 2015	PI	USD 80 454
HST GO, Cycle 21	2013 - 2015	funding PI, science Co-I	USD 33 719
NASA Sagan Fellowship	2013 - 2016	PI	USD 247 500

GRANTED OBSERVING TIME Total: 365 h as PI, additional 210 h as Co-I.

Techniques: photometry and spectroscopy using space-based and ground-based instrumentation.

Successful observing programs in

- X-rays (XMM-Newton, Chandra, Swift)
- UV (HST)
- optical (VLT, Calar Alto, MMT and others)
- IR (Spitzer)
- Radio (VLA)

CONFERENCES & TALKS *Invited talks at international conferences (selected):*

upcoming: “Star-Exoplanet Systems”, Extrasolar planets today and tomorrow, Bad Honnef, Germany 2016/11

upcoming: “Tidal effects on stellar activity”, IAU Symposium 328 ‘Living around Active Stars’, Maresias, Brazil 2016/10

“Stars and exoplanets: interaction, rotation, activity”, Stellar and Planetary Dynamos Conference, Göttingen, Germany 2015/05

“The Interactions of Exoplanets with their Parent Stars”, American Astronomical Society Meeting 217, plenary review talk, Seattle, USA 2015/01

“Stellar magnetic activity: Star-Planet Interactions”, CoRoT Symposium 3/Kepler KASC-7 Meeting, Toulouse, France 2014/07

“Exoplanets and their hosts: why exoplanet science needs X-ray observations”, The X-ray Universe, Dublin, Ireland 2014/06

“Star-Planet Interactions: coronal and chromospheric observations”, Second CoRoT Symposium, Marseille, France 2011/06

CONFERENCES & TALKS (CONT.)	<i>Invited colloquia and seminars (selected):</i>	
	Exoplanet seminar, University of St. Andrews, UK	2016/03
	Astronomy seminar, Edinburgh Royal Observatory, UK	2016/03
	Colloquium, MIT, USA	2015/09
	Colloquium, University of Massachusetts Amherst, USA	2015/04
	Colloquium, University of Illinois, USA	2014/10
	Astrophysics seminar, Aarhus University, Denmark	2014/06
	YCAA Seminar, Yale University, New Haven, USA	2013/11
	Lunch Seminar, Boston University, Boston, USA	2013/10
	Exoplanet Science Seminar, JPL Pasadena, USA	2013/04
	Lunch Seminar, IPAC, Pasadena, USA	2013/04
	Colloquium, Albert Einstein Institute, Potsdam, Germany	2013/01
	<i>Contributed talks (selected):</i>	
IAU XXIX General Assembly, Hawaii, USA	2015/08	
Sagan/Michelson Fellow Symposium, Pasadena, USA	2015/05	
Cool Stars 19 Conference, Flagstaff, USA	2014/06	
223rd AAS Meeting, National Harbor, USA	2014/01	
45th DPS Meeting, Denver, USA	2013/10	
IAU Symposium 302, Biarritz, France	2013/08	
Visitor Colloquium, MPIA, Heidelberg, Germany	2013/01	
TEACHING	Lecture + computer lab course “Computational modelling in physics (PHY1024)” at Queen’s University Belfast, shared with Prof. A. Fitzsimmons, 7 h per week	2016/02-05
	Lecture course “Earth-shattering ideas in Astronomy” at Tufts University, Osher Center for lifelong learning, 2 h per week	2014/03
	Lecture course “Planets around other suns” at Tufts University, Osher Center for lifelong learning, 2 h per week	2013/01-02
	Gave 8 of 20 lecture sessions on “Spectroscopic plasma diagnostics in astrophysics” at Hamburg University, 3 h per week; main lecturer J.H.M.M. Schmitt	2011/2012
	Completed teaching training “Effective strategies for teaching at university”, Center for Advanced Training, Hamburg University	2011/03
SUPERVISED STUDENTS AND STAFF	PhD student Rachel Booth; project “Ages of star-exoplanet systems”, hosted at Queen’s University Belfast	since 2015/11
	Postdoc Rakesh Yadav; projects on stellar and planetary magnetic dynamos, magnetic activity of planet-hosting stars, hosted at CfA	since 2015/05
	Harvard undergraduate student Erin Lotridge; project “Testing the flare occurrence in HD 189733’s chromosphere for dependencies on the planetary orbit”, hosted at CfA	2013/09-12
	REU summer student Katherina Ying Feng; project “The flare-energy distribution of M dwarfs”, hosted at CfA; student’s work won the Chambliss Astronomy Achievement Award 2014	2013/06-08

COLLABORATIONS	Science Working Group Member of ESA’s L-class X-ray telescope Athena , topical panel “Solar System and Exoplanets” (http://www.cosmos.esa.int/web/athena/about-athena)	since 2015
	Collaborator of proposed NASA MIDEX Mission Arcus , a high-resolution X-ray spectrometer onboard the ISS, PI Randall Smith (CfA)	since 2014
	Board Member of KOINet , an international multi-site ground-based telescope network to study the transit timing variations of Kepler-detected exoplanet candidate systems (http://koinet.astro.physik.uni-goettingen.de)	since 2013
	Science analysis team member of YSOVAR (Young Stellar Object VARIability), a large Spitzer Exploration Science program to study the variability of young stars and protoplanetary disks through infrared observations (http://ysovar.ipac.caltech.edu)	since 2012
PUBLIC OUTREACH	<i>upcoming</i> : TEDx talk “Exploring space and exoplanets”, TEDx Conference Klagenfurth	2016/09
	Contributor to the “Skype with an astronomer” project for high-school students, organized by Prof. Ryan Hiccox (Dartmouth College, USA)	since 2014
	Press release about K.P.’s work on exoplanet transits in X-rays: “NASA’s Chandra Sees Eclipsing Planet in X-rays for First Time”, www.nasa.gov/mission_pages/chandra/news/exoplanet-HD189733b.html	2013/07
	Contributor to the <i>Chandra X-ray Observatory Blog</i> and the <i>Women In Astronomy Blog</i>	since 2013
	Popular science talks on astrophysics at Hamburg’s “Night of science” and at meetings of Hamburg University’s alumni circle	2011 - 2012
PROFESSIONAL ACTIVITIES	<i>Department service:</i>	
	Developed, organized and delivered two interactive workshops on “Unconscious Bias in Academia” for the School of Mathematics and Physics at Queen’s University Belfast	Jan. 2016
	Member of “Athena SWAN” committee (UK gender equality scheme for academia) at the School of Mathematics & Physics, Queen’s University Belfast	since 2015
	Organizer of “Women in Science Chats” at Harvard-Smithsonian Center for Astrophysics (Career Q&A meetings of female postdocs and graduate students with visiting scientists)	2012 - 2015
	One of two organizers of the Exoplanet Lunch Talks at the Harvard-Smithsonian Center for Astrophysics	2014 - 2015
	Member of the Postdoc Council at the Harvard-Smithsonian Center for Astrophysics	2012 - 2013
	Student representative on two of Hamburg Observatory’s faculty hiring committees	2012, 2011

PROFESSIONAL ACTIVITIES (CONT.)	<i>Reviewing & Refereeing:</i>	
	Journal referee for <i>The Astrophysical Journal</i> and <i>New Astronomy</i>	since 2011
	Reviewer for NSF Astronomy & Astrophysics Grants Panel	2015/03
	Reviewer for NASA Earth and Space Science Fellowship Program	2014, 2015
	External reviewer for OPTICON Time Allocation Committee	2012/03
	Reviewer for Chandra Cycle 13 Time Allocation Committee	2011/06
	<i>Conference organizing:</i>	
	Science Organizing Committee member of international conference “Radio exploration of planetary habitability”, Arecibo, Puerto Rico	2017
	Co-organizer of splinter session “Upgrading the solar-stellar pathway: news about activity in cool stars” (18th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, Flagstaff, USA)	2014
	Organizer of splinter session “Nonthermal processes in coronae and beyond”, 17th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, Barcelona, Spain	2012
	One of four organizers of the Postdoc Symposium 2012 at the Harvard-Smithsonian Center for Astrophysics	2012
	Co-organizer of splinter session “Frontiers in X-ray astronomy” (16th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, Seattle, USA)	2010

Research references:

1. Dr. Scott J. Wolk
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2. Prof. Dr. Jürgen H.M.M. Schmitt
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3. Prof. Dr. Ansgar Reiners
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4. Dr. Randall Smith
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Teaching reference:

5. David A. Fechter
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email: david.fechter@tufts.edu

Refereed publications as first author:

12. **Poppenhaeger, K.**; Cody, A.M.; Covey, K.R.; Espaillat, C.; Forbrich, J.; Günther, H.M.; Gutermuth, R.A.; Hillenbrand, L.A.; Hora, J.L.; Morales-Calderón, M.; Plavchan, P.; Rebull, L.M.; Song, I.; Stauffer, J.R.; Wolk, S.J., “YSOVAR: Mid-infrared variability of young stellar objects and their disks in the cluster IRAS 20050+2720”, *The Astronomical Journal* 150 4 id. 118, 2015.
<http://adsabs.harvard.edu/abs/2015AJ...150..118P>
11. **Poppenhaeger, K.** and Wolk, S. J. “Indications for an influence of Hot Jupiters on the rotation and activity of their host stars”, *Astronomy & Astrophysics Letters* 565 id.L1, 2014.
<http://adsabs.harvard.edu/abs/2014A%26A...565L...1P>
 - featured in Nature Research Highlights May 2014, “Big planets could alter star rotation”,
<http://www.nature.com/nature/journal/v509/n7500/full/509263c.html>
10. **Poppenhaeger, K.**, Schmitt, J. H. M. M., and Wolk, S. J. “Transit Observations of the Hot Jupiter HD 189733b at X-Ray Wavelengths”, *The Astrophysical Journal* 773 1 id.62, 2013.
<http://adsabs.harvard.edu/abs/2013ApJ...773...62P>
 - featured in NASA press release July 2013, “NASA’s Chandra Sees Eclipsing Planet in X-rays for First Time”,
http://www.nasa.gov/mission_pages/chandra/news/exoplanet-HD189733b.html
9. **Poppenhaeger, K.**, Günther, H.M., Beiersdorfer, P., Brickhouse, N.S., Carter, J.A., Hudson, H.S., Kowalski, A., Lalitha, S., Miceli, M., and Wolk, S.J., “Non-thermal processes in coronae and beyond”, *Astronomical Notes* 334 1-2 101 (2013).
<http://adsabs.harvard.edu/abs/2013AN...334..101P>
8. **Poppenhaeger, K.**, Czesla, S., Schröter, S., Lalitha, S., Kashyap, V., and Schmitt, J.H.M.M., “The high-energy environment in the super-earth system CoRoT-7”, *Astronomy & Astrophysics* 541 A26, 2012.
<http://adsabs.harvard.edu/abs/2012A%26A...541A..26P>
7. **Poppenhaeger, K.**, Günther, H.M., and Schmitt, J.H.M.M., “A magnetic cycle of τ Bootis? The coronal and chromospheric view”, *Astronomical Notes* 333 1 26, 2012.
<http://adsabs.harvard.edu/abs/2012AN...333...26P>
6. **Poppenhaeger, K.**, and Schmitt, J.H.M.M., “A correlation between host star activity and planet mass for close-in extrasolar planets?”, *The Astrophysical Journal* 735 1 id.59, 2011.
<http://adsabs.harvard.edu/abs/2011ApJ...735...59P>
5. **Poppenhaeger, K.**, and Schmitt, J.H.M.M., “Star-planet interactions and selection effects from planet detection methods”, *Astronomical Notes* 332 9/10 1052, 2011.
<http://adsabs.harvard.edu/abs/2011AN...332.1052P>

4. **Poppenhaeger, K.**, Lenz, L.F., Reiners, A., and Schmitt, J.H.M.M., “A search for Star-Planet Interactions in the upsilon Andromedae system at X-ray and optical wavelengths”, *Astronomy & Astrophysics* 528 A58, 2011.
<http://adsabs.harvard.edu/abs/2011A%26A...528A..58P>
3. **Poppenhaeger, K.**, Robrade, J., and Schmitt, J.H.M.M., “Coronal properties of planet-bearing stars”, *Astronomy & Astrophysics* 515 A98, 2010.
<http://adsabs.harvard.edu/abs/2010A%26A...515A..98P>
 - featured in Nature Research Highlights July 2010, “Astronomy: No planetary X-ray pull”,
<http://www.nature.com/nature/journal/v466/n7302/full/466010d.html>
2. **Poppenhäger, K.**, Robrade, J., Schmitt, J.H.M.M., and Hall, J.C., ”51 Pegasi - a planet-bearing Maunder minimum candidate”, *Astronomy & Astrophysics* 508 vol.3 1417-1421, 2009.
<http://adsabs.harvard.edu/abs/2009A%26A...508.1417P>
1. **Poppenhaeger, K.**, Hossenfelder, S., Hofmann, S., and Bleicher, M., “The Casimir effect in the presence of compactified Universal extra dimensions”, *Physics Letters B* 582 1-5, 2004.
<http://adsabs.harvard.edu/abs/2004PhLB...582....1P>

Refereed publications as co-author:

10. Yadav, R.K.; Christensen, U.R.; Morin, J.; Gastine, T.; Reiners, A.; **Poppenhaeger, K.**; Wolk, S.J., “Explaining the Coexistence of Large-scale and Small-scale Magnetic Fields in Fully Convective Stars”, *The Astrophysical Journal Letters* 813 2 id.L31 2015.
<http://adsabs.harvard.edu/abs/2015ApJ...813L..31Y>
9. Rebull, L. M.; Stauffer, J. R.; Cody, A. M.; Guenther, H. M.; Hillenbrand, L. A.; **Poppenhaeger, K.**; Wolk, S. J.; Hora, J.; Hernandez, J.; Bayo, A.; Covey, K.; Forbrich, J.; Gutermuth, R.; Morales-Calderon, M.; Plavchan, P.; Song, I.; Bouy, H.; Terebey, S.; Cuillandre, J. C.; Allen, L., “YSOVAR: Mid-Infrared Variability in NGC 1333”, *The Astronomical Journal* 150 5 id.145, 2015.
<http://adsabs.harvard.edu/abs/2015AJ....150..175R>
8. Wolk, S. J.; Günther, H. M.; **Poppenhaeger, K.**; Cody, A. M.; Rebull, L. M.; Forbrich, J.; Gutermuth, R. A.; Hillenbrand, L. A.; Plavchan, P.; Stauffer, J. R.; Covey, K. R.; Song, I., “YSOVAR: Mid-infrared Variability Among YSOs in the Star Formation Region GGD 12-15”, accepted by *The Astronomical Journal* 2015.
<http://adsabs.harvard.edu/abs/2015AJ....150..145W>

7. Rebull, L. M.; Cody, A. M.; Covey, K. R.; Guenther, H. M.; Hillenbrand, L. A.; Plavchan, P.; **Poppenhaeger, K.**; Stauffer, J. R.; Wolk, S. J.; Guter-muth, R.; Morales-Calderon, M.; Song, I.; Barrado, D.; Bayo, A.; James, D.; Hora, J. L.; Vrba, F. J.; Alves de Oliveira, C.; Bouvier, J.; Carey, S. J.; Carpenter, J. M.; Favata, F.; Flaherty, K.; Forbrich, J.; Hernandez, J.; McCaughrean, M. J.; Megeath, S. T.; Micela, G.; Smith, H. A.; Terebey, S.; Turner, N.; Allen, L.; Ardila, D.; Bouy, H.; Guieu, S., “Young Stellar Object Variability (YSOVAR): Long Timescale Variations in the Mid-Infrared”, *The Astronomical Journal* 148 5 id.92, 2014.
<http://adsabs.harvard.edu/abs/2014AJ....148...92R>
6. Günther, H. M.; Cody, A. M.; Covey, K. R.; Hillenbrand, L. A.; Plavchan, P.; **Poppenhaeger, K.**; Rebull, L. M.; Stauffer, J. R.; Wolk, S. J.; Allen, L.; Bayo, A.; Guter-muth, R. A.; Hora, J. L.; Meng, H. Y. A.; Morales-Calderon, M.; Parks, J. R.; Song, Inseok, “YSOVAR: Mid-IR variability in the star forming region Lynds 1688”, *The Astronomical Journal* 148 6 id.122, 2014.
<http://adsabs.harvard.edu/abs/2014AJ....148..122G>
 - featured in Science Update of the Harvard-Smithsonian Center for As-trophysics, December 2014, “Twinkle, Twinkle, New-Born Star”,
<https://www.cfa.harvard.edu/news/su201449>
5. Lalitha, S.; **Poppenhaeger, K.**; Singh, K.P.; Czesla, S.; Schmitt, J.H.M.M., “X-ray emission from the super-earth host GJ 1214”, *The Astrophysical Jour-nal Letters* 790 1 L11, 2014.
<http://adsabs.harvard.edu/abs/2014ApJ...790L..11L>
4. Cohen, O.; Drake, J. J.; Gloer, A.; Garraffo, C.; **Poppenhaeger, K.**; Bell, J. M.; Ridley, A. J.; Gombosi, T. I., “Magnetospheric structure and atmo-spheric Joule heating of habitable planets orbiting M-dwarf stars”, *The As-trophysical Journal* 790 1 id.57, 2014.
<http://adsabs.harvard.edu/abs/2014ApJ...790...57C>
 - featured in press release at the 224th meeting of the American Astro-nomical Society, June 2014, “Harsh space weather may doom potential life on red-dwarf planets”,
<http://www.cfa.harvard.edu/news/2014-11>
3. Cody, A. M.; Stauffer, J.; Baglin, A.; Micela, G.; Rebull; L. M.; Flaccomio, E.; Morales-Calderon, M.; Aigrain, S.; Bouvier, J.; Hillenbrand, L. A.; Guter-muth, R.; Song, I.; Turner, N.; Alencar, S. H. P.; Zwintz, K.; Plavchan, P.; Carpenter, J.; Findeisen, K.; Carey, S.; Terebey, S.; Hartmann, L.; Calvet, N.; Teixeira, P.; Vrba, F. J.; Wolk, S.; Covey, K.; **Poppenhaeger, K.**; Günther, H. M.; Forbrich, J.; Whitney, B.; Affer, L.; Herbst, W.; Hora, J.; Barrado, D.; Holtzman, J.; Marchis, F.; Wood, K.; Medeiros Guimaraes, M.; Lillo Box, J.; Gillen, E.; McQuillan, A.; Espillat, C.; Allen, L.; D’Alessio, P.; Favata, F., “CSI 2264: Simultaneous optical and infrared light curves of young disk-bearing stars in NGC 2264 with CoRoT and Spitzer– evidence for multiple origins of variability”, *The Astronomical Journal* 147 4 id.82, 2014.
<http://adsabs.harvard.edu/abs/2014AJ....147...82C>

2. Fuhrmeister, B., Lalitha, S., **Poppenhaeger, K.**, Rudolf, N., Liefke, C., Reiners, A., Schmitt, J.H.M.M., and Ness, J.-U., “Multi-wavelength observations of Proxima Centauri”, *Astronomy & Astrophysics* 534, id.A133, 2011.
<http://adsabs.harvard.edu/abs/2011A%26A...534A.133F>
1. Robrade, J., **Poppenhaeger, K.**, and Schmitt, J.H.M.M., “Quiescent and flaring X-ray emission from the nearby M/T dwarf binary SCR 1845-6357”, *Astronomy & Astrophysics* 513 A12, 2010.
<http://adsabs.harvard.edu/abs/2010A%26A...513A..12R>

Submitted publications under review:

1. **Poppenhaeger, K.**, and Wolk, S.J., “Enhanced stellar activity induced by tidally interacting exoplanets”, submitted to *Nature Communications*.
2. Yadav, R.K., Gastine, T., Christensen, U., Wolk, S.J., and **Poppenhaeger, K.**, “Approaching a realistic force balance in geodynamo simulations”, submitted to *Proceedings of the National Academy of Sciences*.
3. Feng, Y.K., **Poppenhaeger, K.**, Bulbul, E., Goulding, A., “Coronal heating of M dwarfs: The flare-energy distribution of low-mass stars”, submitted to the *Astronomical Journal*.

Other publications:

13. Allured, R.; Arenberg, J.; Bogdan, A.; Canning, R.; Churazov, E.; Civano, F.; Clarke, T.; Corrales, L.; Di Matteo, T.; Elvis, M.; Fabbiano, G.; Falcone, A.; Garcia, J.; Gaskin, J.; Goldman, I.; Kargaltsev, O.; Klinger, N.; Laming, M.; McNamara, B.; Markevitch, M.; Marshall, H.; Mosquera, A.; Mroczkowski, A.; Natarajan, P.; Nielsen, J.; Nowak, M.; Ozel, F.; **Poppenhaeger, K.**; Porquet, D.; Randall, S.; Schwartz, D.; Swartz, D. A.; Temim, T.; Van Weeren, R.; Weisskopf, M.; Zhuravleva, I.; ZuHone, J. A.. “X-ray Surveyor Discussion Session Results from the X-ray Vision Workshop”, X-Ray Vision Workshop: Probing the Universe in Depth and Detail with the X-Ray Surveyor, Washington DC, USA, October 2015.
<http://adsabs.harvard.edu/abs/2015xrvw.confE...6A>
12. **Poppenhaeger, K.**, “Stellar magnetic activity and Star-Planet Interactions”, Invited review for the CoRoT Symposium 3 / Kepler KASC-7 joint meeting, Toulouse, July 2014. Published by EPJ Web of Conferences. <http://adsabs.harvard.edu/abs/2014arXiv1411.0636P>
11. **Poppenhaeger, K.**; Wolk, Scott J.; Schmitt, J. H. M. M., “A Tale of Two Exoplanets: the Inflated Atmospheres of the Hot Jupiters HD 189733 b and CoRoT-2 b”, *Proceedings of the 18th Workshop on Cool Stars, Stellar Systems and the Sun*, eprint arXiv:1408.3385, 2014.
<http://adsabs.harvard.edu/abs/2015csss...18..733P>
10. Günther, H. M.; **Poppenhaeger, K.**; Testa, P.; Borgniet, S.; Brun, S.; Cegla, H.; Garraffo, C.; Kowalski, A.; Shapiro, A.; Shkolnik, E.; Spada, F.; Vidotto, A. “Upgrading the Solar-Stellar Connection: News about activity in Cool Stars”, *Proceedings of the 18th Workshop on Cool Stars, Stellar Systems and the Sun*, eprint arXiv:1408.3068, 2014.
<http://adsabs.harvard.edu/abs/2015csss...18...25G>

9. Vidotto, A. A.; Jardine, M.; Cameron, A. C.; Morin, J.; Villadsen, J.; Saar, S.; Alvarado, J.; Cohen, O.; Holzwarth, V.; **Poppenhaeger, K.**; Reville, V., “Cool Stars and Space Weather”, Proceedings of the 18th Workshop on Cool Stars, Stellar Systems and the Sun, eprint arXiv:1408.3943, 2014.
<http://adsabs.harvard.edu/abs/2015csss...18...65V>
8. Davenport, James R. A.; Fouesneau, Morgan; Grand, Erin; Hagen, Alex; **Poppenhaeger, Katja**; Watkins, Laura L., “Studying Gender in Conference Talks – data from the 223rd meeting of the American Astronomical Society”, 2014, eprint arXiv:1403.3091
<http://adsabs.harvard.edu/abs/2014arXiv1403.3091D>
7. **Poppenhaeger, K.**; Schmitt, J. H. M. M.; Wolk, S. J., “Exoplanet transits in X-rays – a new observational window to exoplanetary atmospheres”, 2013, Protostars and Planets VI, Heidelberg, July 15-20, 2013. Poster #2G010
<http://adsabs.harvard.edu/abs/2013prpl.conf2G010P>
6. Günther, H. M.; **Poppenhaeger, K.**; Wolk, S. J.; Rebull, L. M.; Plavchan, P.; Gutermuth, R. A.; YSOVAR Collaboration, “YSOVAR: Variability in rho Oph”, 2013, Protostars and Planets VI, Heidelberg, July 15-20, 2013. Poster #1H035
<http://adsabs.harvard.edu/abs/2013prpl.conf1H035G>
5. **Poppenhaeger, K.**, and Wolk, S.J., “Planets spinning up their host stars: a twist on the age-activity relationship”, Proceedings of IAUS 302: Magnetic Fields Throughout Stellar Evolution, 2013.
<http://adsabs.harvard.edu/abs/2013arXiv1309.6356P>
4. **Poppenhaeger, K.**, and Schmitt, J.H.M.M., “Soft X-ray emission as diagnostics for Maunder minimum stars”, Proceedings of the IAUS 286: Grand Magnetic Minima, 2012.
<http://adsabs.harvard.edu/abs/2012IAUS...286..346P>
3. **Poppenhaeger, K.**, “Magnetic activity of planet-hosting stars”, PhD thesis, Hamburg University, Germany, 2011.
<http://adsabs.harvard.edu/abs/2011PhDT.....1P>
2. **Poppenhaeger, K.**, “Star-Planet Interactions in X-rays”, Proceedings of the 16th Workshop on Cool Stars, Stellar Systems and the Sun, ASPC Series 448 1225, 2011.
<http://adsabs.harvard.edu/abs/2011ASPC...448.1225P>
1. Robrade, J., Schneider, P.C., and **Poppenhaeger, K.**, “Frontiers in X-ray astronomy”, Proceedings of the 16th Workshop on Cool Stars, Stellar Systems and the Sun, ASPC Series 448 493, 2011.
<http://adsabs.harvard.edu/abs/2011ASPC...448..493R>

Code development:

1. Günther, H.M., **Poppenhaeger, K.**, “pYSOVAR: Lightcurves analysis”, Astrophysics Source Code Library, record ascl:1503.008, 2015.
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