
CONTACT INFORMATION

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APPOINTMENTS

Johns Hopkins University, Baltimore, MD

Associate Professor, Dept. of Physics and Astronomy, July 2017 - present
Assistant Professor, Dept. of Physics and Astronomy, Aug 2010 - June 2017
Between Aug 2010 and July 2011 on leave at:

KIPAC (SLAC/Stanford University), Menlo Park, CA

Research Associate (Kavli Fellowship), Aug 2010 - July 2011

Institute for Advanced Study, Princeton, NJ

Long-term member (John N. Bahcall fellowship), Jan 2008 - July 2010
Postdoctoral member (NASA Spitzer fellowship), Sept 2005 - Aug 2008

EDUCATION

Princeton University, Ph.D., Astrophysics, Aug 2001 - Sept 2005

Advisor: Michael A. Strauss

Moscow Institute of Physics and Technology (MIPT)

M.Sci. with honor, GPA=4.0/4.0, theoretical physics and astrophysics, Sept 1999 - June 2001

Moscow Institute of Physics and Technology (MIPT)

B.Sci. with honor, GPA=4.0/4.0, physics & mathematics, Sept 1995 - June 1999

SELECTED AWARDS

Scialog Fellow (2018; Research Corporation for Science Advancement and Heising-Simons Foundation)
Catalyst Award (2016; Johns Hopkins University)
D. Lunder and A. Ezekowitz Junior Visiting Professor (2016; Institute for Advanced Study)
Newton Lacy Pierce Prize of the American Astronomical Society (2014)
Alfred P. Sloan fellowship (2011-2013; national junior faculty fellowship)
Kavli postdoctoral fellowship (2010-2011; fellowship at Stanford University)
John N. Bahcall long-term fellowship (2008-2010; fellowship at the Institute for Advanced Study)
NASA Spitzer postdoctoral fellowship (2005-2008; national fellowship)
NASA Hubble postdoctoral fellowship (2005, declined; national fellowship)
Charlotte Elizabeth Procter Graduate Fellowship (2004-2005, Princeton University)

Gold Medal of MIPT (awarded to 10 graduates of class of 500 people, 2001, MIPT)
Presidential and other fellowships (1997-2000, MIPT)

RESEARCH GROUP AT JHU

Kirsten Hall (2014 – present) – 5th year graduate student, GBO passed 10/2016 (co-advised with T. Marriage); two refereed publications, more in prep.
Hsiang-Chih Hwang (2016 – present) – 3rd year graduate student; one refereed publication, more in prep.
Ross Dempsey (2017 – present) – undergraduate research advisee; one refereed publication, more in prep.
Closely collaborating with Center for Astrophysical Sciences postdocs Kate Rowlands, Jorge Barrera-Ballesteros, David Nataf, and (before 2016) Guangtun Zhu

Previous members of the research group (if over two semesters or common papers)

Supervisor of summer undergraduate research programs (2017, 2018): Channa Luke, Wenzer Qin, Anthony Flores, Xyanui Wu, Katherine Xiang; two papers submitted; <http://sites.krieger.jhu.edu/jhu-care/>
Zhicheng He (2017 – 2018) – visiting graduate student from USTC; one refereed publication
Ai-Lei Sun – postdoc (2017 – 2018) [now in commercial data science]; two refereed publications, one more in prep. during her time at JHU
Dominika Wylezalek – postdoc (2014 – 2017), Akbari-Mack Fellow (2015), Provost Fellow (2016) [now at the European Southern Observatory, Germany with a prize Postdoctoral Fellowship], four refereed publications, several more in prep.
Guilin Liu – postdoc (2011 – 2014) [now faculty at University of Science and Technology of China], three refereed publications
Rachael Alexandroff (2012 – 2017) – graduate student, Ph.D. July 2017 [now at the University of Toronto with the National Postdoctoral Fellowship of Canada], three chapters published, one more in prep.
Erini Lambrides (2015 – 2017) – graduate student, paper in review
Asa Stahl (2015 – 2017) – undergraduate research advisee, Provost’s Undergraduate Research Award [now grad student at Rice]
Joseph Cleary (2013 - 2016) – undergraduate and graduate research advisee, 2016 Kerr Memorial Prize [now graduate student at JHU], co-author of two papers based on his project
Michael Kelly (2015 - 2016) – undergraduate research advisee (co-advised with D. Wylezalek), Provost’s Undergraduate Research Award, Master’s thesis, co-author of two papers based on his project [now at Applied Physics Laboratory]
Georges Obied (2014 - 2015) – undergraduate research advisee, Provost’s Undergraduate Research Award, two refereed publications, Master’s thesis, 2015 Kerr Memorial Prize [now graduate student at Harvard]
Kelly Lampayan (2013 - 2015) – undergraduate research advisee, Dean’s Undergraduate Research Award, one refereed publication, 2015 Kerr Memorial Prize [now at Applied Physics Laboratory]
Peranat Dayananda (2013 - 2015) – undergraduate research advisee [after graduation at AWR Lloyd Consulting, now graduate student in computer science at Brown]
Matthew Hill (2012 - 2014) – undergraduate research advisee, Provost’s and Dean’s Undergraduate Research Awards, one refereed publication [now staff member at STScI]
Several other undergraduate and graduate research advisees on semester-long projects

Prior to JHU, supervised graduate students Xin Liu, Reinabelle Reyes, Laura Gómez and Joshua Green on pre-thesis projects (three refereed publications)

TEACHING

JHU, Spring 2018, graduate: Astrophysical Dynamics, 8 students
JHU, Fall 2017, undergraduate: Special Relativity / Waves, 24 students; published a laboratory for Special Relativity to American Journal of Physics
JHU, Spring 2017, graduate: Astrophysical Dynamics, 11 students
JHU, Fall 2016, undergraduate: Special Relativity / Waves, 28 students
JHU, Fall 2015, undergraduate: Special Relativity / Waves, 30 students; textbook for Special Relativity: <http://arxiv.org/abs/1511.02121>
JHU, Fall 2014, undergraduate: Special Relativity / Waves, 32 students
University of Copenhagen, Denmark, May 2014, graduate: From light to dark: the growing phase of supermassive black holes, co-taught with Sebastian Hoenig and Omer Blaes, 16 students
JHU, Fall 2013, undergraduate: Special Relativity / Waves, 29 students
JHU, Spring 2013, graduate: Astrophysical Dynamics, 8 students
JHU, Fall 2012, undergraduate: Special Relativity / Waves; new lab development; 35 students
JHU, Spring 2012, graduate: Galactic Structure and Stellar Dynamics, co-taught with Brice Menard, 12 students
JHU, Fall 2011, graduate: Observational Astronomy, co-taught with Brice Menard, 10 students
Moscow 1995-2000: English as a foreign language; Physics, Mathematics, group classes and tutoring for high school students; up to 20 hours a week, 10 semesters, at MIPT Correspondence School and PhysTech College

PROFESSIONAL SERVICE AND OUTREACH

Referee for Science, Nature, Nature Astronomy, Cambridge University Press, A&A, AJ, ApJ, MNRAS, 2004-present
Review panels: fifteen panels, including three chaired, 2008-present
Frequent user of ground-based and space-based observing facilities and archival datasets, surveys: SDSS-I,II,III,IV, Subaru-PFS; SDSS-III Collaboration Council Representative from JHU (2011-2015); SDSS Collaboration meeting, organizing committee 06/2013 – 120 participants
JHU Physics Fair volunteer, 2013
BEST project mentor: supervised research internship of high-school physics teacher, summer 2012, 2013
Member, American Astronomical Society, 2002-present; volunteer at the Jan 2011 meeting / Doxsey, Chambliss awards judge; Member, International Astronomical Union, 2015-present.
Led public observing sessions at Princeton University, 2002
Created and maintained the graduate students' webpage of the Department of Astrophysical Sciences, Princeton University, 2003-2005
Member of the undergraduate admissions committee, Department of General and Applied Physics, Moscow Institute of Physics and Technology, 1997-2000
Member of the Russian National Physics Olympiad jury, 1996-1999

MEDIA HIGHLIGHTS

“Do extremely reddened quasars extinguish star formation?”, 11/2016,
https://www.eurekalert.org/pub_releases/2016-11/uoc--der111516.php

“Study finding first observed evidence of galactic-wind phenomenon”, 03/2016,
<https://www.sciencedaily.com/releases/2016/03/160323115925.htm?>
“Nadia L. Zakamska wins the 2014 Newton Lacy Pierce Prize of the American Astronomical Society”,
01/2014,
<http://aas.org/media/press-releases/aas-announces-2014-award-recipients>
“SDSS reveals hidden population of powerful black holes”, 04/2008,
<http://www.philstar.com/starweek-magazine/55664/asking-questions-finding-answers>

DEPARTMENT AND UNIVERSITY SERVICE

Undergraduate research internships: summer 2017 and summer 2018, five undergraduates, four postdoctoral advisors; obtained external funding and oversaw scientific and mentoring activities, website: <http://sites.krieger.jhu.edu/jhu-care>
Recruitment committee: 2011 – 2017, including as Chair and co-Chair. Organized graduate and undergraduate open houses; developed promotional materials for the undergraduate and the graduate program; organized JHU graduate program booths at physics and astronomy conferences; wrote the contents for the website of the Department of Physics and Astronomy.
Faculty search committee, 2017 – 2018
Chair of the Davis Postdoctoral Fellowship committee (Fall 2015 - present), led review of ~300 applications; routinely interviewed postdoctoral applicants for the department starting in 2011.
Graduate program committee: 2011 – present (Chair since Jan 2018). Helped re-develop graduate program and graduate curriculum to put more emphasis on early research; the new program was approved by faculty and went into effect in May 2012.
Graduate examination service (GBOs, prelims, Master’s research exams): 17 students; thesis committees and thesis defenses: 13 meetings; wrote, administered and graded a written graduate examination for 25 students in 01/2012; graded 13 written graduate examinations 08/2015; evaluated 8 research examinations 10/2015, and as Chair of the research exam committee organized all research examinations in Fall 2016, 2017 and 2018 and personally evaluated 10, 11 and 11 respectively.
JHU representative in the SDSS-III Collaboration Council (01/2012 – 12/2015); member of SDSS collaboration meeting organizing committee (summer 2013); organizing committee for JHU / STScI winter colloquia (fall 2011).

INVITED PRESENTATIONS

Invited seminars and colloquia:

Space Grant at Johns Hopkins (Baltimore, MD, 04/2018);
Virginia Tech (Blacksburg, VA, 04/2018);
Northwestern University (Chicago, IL, 02/2017);
University of Virginia and NRAO (Charlottesville, VA, 12/2016);
University of Colorado (Boulder, CO, 11/2016);
MIT (Cambridge, MA, 11/2016);
Columbia University (New York City, NY, 10/2016);
Michigan State University (East Lansing, MI, 10/2016);
Princeton University (Princeton, NJ, 02/2016);
Stanford University (Menlo Park, CA, 04/2015);
Purdue University (West Lafayette, IN, 03/2015);
Pennsylvania State University (State College, PA, 01/2015);

Space Telescope Science Institute (Baltimore, MD, 01/2015);
Canadian Institute for Theoretical Astrophysics (Toronto, Canada, 10/2014);
Johns Hopkins University (Baltimore, MD, 03/2014);
Goddard Space Flight Center (Greenbelt, MD, 11/2012);
University of Maryland (College Park, MD, 03/2012);
Harvard-Smithsonian Center for Astrophysics (Cambridge, MA, 12/2011);
Yale Center for Astronomy and Astrophysics (New Haven, CT, 12/2011);
Institute for Advanced Study (Princeton, NJ, 04/2011);
Ohio State University (Columbus, OH, 03/2011);
University of Hawaii (Honolulu, HI, 12/2010);
Gemini Observatory (Hilo, HI, 12/2010);
Stanford University (Menlo Park, CA, 12/2010);
UC Berkeley (Berkeley, CA, 12/2010);
New York University (New York, NY, 02/2010);
Johns Hopkins University (Baltimore, MD, 02/2010);
University of Arizona (Tucson, AZ, 02/2010);
University of Chicago (Chicago, IL, 01/2010);
University of Pittsburgh (Pittsburgh, PA, 01/2010);
Columbia (New York, NY, 11/2009);
New York University (New York, NY, 10/2009);
Institute for Advanced Study (Princeton, NJ, 03/2009, 04/2009);
Caltech (Pasadena, CA, 01/2009);
MIT (Cambridge, MA, 01/2008);
CITA (Toronto, Canada, 01/2008);
Johns Hopkins University (Baltimore, MD, 10/2007);
University of Wisconsin (Madison, WI, 09/2007);
University of Arizona (Tucson, AZ, 04/2007) [visiting as Douglass Scholar];
MPA/MPE (Garching, Germany, 06/2006);
UC Berkeley (Berkeley, CA, 11/2005);
MIT (Cambridge, MA, 03/2005)

Invited conference presentations and reviews:

Invited review at “Breaking the limits: Super-Eddington accretion”, Sardinia, Italy, 10/2018;
Invited review at “Are AGN special?”, Durham, England, 07/2018;
Invited talk at “Multiphase AGN feeding & feedback”, Sesto, Italy, 07/2018;
Invited talk at “Unsolved Problems in Astrophysics and Cosmology”, Budapest, Hungary, 07/2018;
Invited review at “Massive black holes in evolving galaxies”, IAP, Paris, France, 06/2018;
Invited participant at “Scialog: time domain astrophysics”, Tucson, AZ, 05/2018;
Invited review at “The radio and X-ray connection in accreting objects”, Monopoli, Italy, 05/2018;
Invited talk at “Observations and theory of quasar outflows”, Leiden, Netherlands, 03/2017;
Invited talk at “An interplay between local and global processes in galaxies”, Cozumel, Mexico, 04/2016;
Invited talk at “A 3D view on galaxy evolution”, Heidelberg, Germany, 07/2015;
Invited talk at “Science and Future of Gemini”, Toronto, ON, 06/2015;
Invited review “WISE quasars” at WISE 5-year anniversary meeting, Pasadena, CA, 02/2015;
Invited participant, National Academy of Sciences, Kavli Frontiers of Science, Irvine, CA, 11/2014;
Invited talk “Observations of ionized gas outflows” at “Quenching and Quiescence”, Heidelberg, Germany, 07/2014;
Plenary talk at DC/MD/VA Astronomy Conference for young scientists, Washington, DC, 07/2014;

Invited talk “Feedback in obscured quasars” at “Powerful AGN”, Port Douglas, QLD, Australia, 06/2014;
Plenary talk / Newton Lacy Pierce prize lecture at the American Astronomical Society Meeting, Boston, MA, 06/2014;
Invited participant, Astrophysics Workshop, Calistoga, CA, 04/2014
Invited talk “Observations of feedback in radio-quiet quasars” at mini-workshop “AGN feedback”, JHU, 11/2013;
Invited talk “Quasar feedback” at “Illuminating the galaxy-AGN connection”, Ringberg Castle, Germany, 12/2012;
Invited talk “Quasar feedback” at “Gas, stars and black holes in the galaxy ecosystem”, Leiden, Netherlands, 07/2012;
Invited talk “Identification of AGN in optical surveys” at “Obscured AGN across cosmic time”, Seon, Germany, 06/2007;
Invited talk “Type 2 quasars” at special session “Multi-wavelength Astronomy and the SDSS” of the 204th American Astronomical Society Meeting, Denver, CO, 05/2004;
co-author of an invited review talk with S. Tremaine “Extrasolar planet orbits and eccentricities” at “The Search for Other Worlds”, College Park, MD, 10/2003

Invited public talks:

“The quest for other worlds”, private event by the Director of the Institute for Advanced Study, Princeton, NJ, 04/2016;
“The New Era of Gravitational Wave Astronomy”, public discussion, panel member, Institute for Advanced Study, Princeton, NJ, 02/2016;
“Women serious about science”, Baltimore Polytechnic Institute (magnet science high school), Baltimore, MD, 12/2014;
“Black hole winds”, Society of Physics Students, JHU, Baltimore, MD, 10/2013;
“Gone with the wind: black holes and their gusty influence on the birth of galaxies”, Institute for Advanced Study, Princeton, NJ, 05/2013;
“Black holes: seeing the invisible”, Chicago, IL, 05/2007;
“The search for other worlds”, Institute for Advanced Study, Princeton, NJ, 10/2006

CURRENT PROJECTS

Winds launched by processes near supermassive black holes play a key role in galaxy evolution, but have long evaded direct detection. In the last few years, our group has discovered quasar winds through multiple techniques, and I am conducting a comprehensive observational study of this phenomenon using ground-based and space-based telescopes. We are observing and modeling quasar-driven winds in the nearby universe to characterize their physical conditions and energetics. Furthermore, we are uncovering evidence of extreme quasar feedback at the epoch of peak galaxy formation and exploring the impact they had on the formation of the massive galaxies.

Furthermore, our group is pursuing a wide range of theoretical and observational projects in Galactic astronomy and exo-planets.

PUBLICATIONS

h-index: 35 (Astrophysics Data System), 37 (Google Scholar)

Asterisk marks students and postdocs under my direct supervision; two asterisks if co-advised.

Refereed publications:

85. *Lambrides E. L., Petric A. O., Tchernyshyov K., Zakamska N. L., Watts D. J.:
[Warm molecular gas and dust in active galaxies](#),
Monthly Notices of the Royal Astronomical Society, submitted (2017)
<https://arxiv.org/abs/1808.02035>
84. Rowlands K., Heckman T., Wild V., Zakamska N., Barrera-Ballesteros J., Thilker D., Rodriguez-Gomez V., Lotz J., Hwang H.-C., Smethurst R., Andrews B. H., Brownstein J. R.:
[Spatially resolved star-formation histories and the connection to galaxy physical properties](#),
Monthly Notices of the Royal Astronomical Society, 480, 2544 (2018)
<https://ui.adsabs.harvard.edu/#abs/2018MNRAS.480.2544R/abstract>
83. **Hall K. R., Crichton D., Marriage T., Zakamska N. L., Mandelbaum R.:
[Downsizing of Star Formation Measured from the Clustered Infrared Background Correlated with Quasars](#),
Monthly Notices of the Royal Astronomical Society, 480, 149 (2018)
<https://ui.adsabs.harvard.edu/#abs/2018MNRAS.480..149H/abstract>
82. **Qin W., Nataf D. M., Zakamska N. L., Wood P. R., Casagrande L.:
[The Mira-based distance to the Galactic Center](#),
Astrophysical Journal, 865, 47 (2018)
<https://ui.adsabs.harvard.edu/#abs/2018MNRAS.479.4936A/abstract>
81. *Alexandroff R. M., Zakamska N. L., Barth A., Hamann F., Strauss M. A., Krolik J., Greene J. E., Pâris I., Ross N. P.:
[Spectropolarimetry of high redshift obscured and red quasars](#),
Monthly Notices of the Royal Astronomical Society, 479, 4936 (2018)
<https://ui.adsabs.harvard.edu/#abs/2018MNRAS.479.4936A/abstract>
80. **Sun A.-L., Greene J. E., Zakamska N. L., Goulding A., Strauss M. A., Huang S., Johnson S., Kawaguchi T., Matsuoka Y., Marsteller A. A., Nagao T., Toba Y.:
[Imaging Extended Emission-Line Regions of Obscured AGN with the Subaru Hyper Suprime-Cam Survey](#),
Monthly Notices of the Royal Astronomical Society, 480, 2302 (2018)
<https://ui.adsabs.harvard.edu/#abs/2018MNRAS.480.2302S/abstract>
79. *He Z., *Sun A.-L., Zakamska N. L., Wylezalek D., Greene J. E., Rembold S. B., Riffel R., Riffel R. A.:
[Morphology of AGN emission line regions in SDSS-IV MaNGA Survey](#),
Monthly Notices of the Royal Astronomical Society, 478, 3614 (2018)
<https://ui.adsabs.harvard.edu/#abs/2018MNRAS.478.3614H/abstract>

78. *Dempsey R., Zakamska N. L.:
[The Size-Luminosity Relationship of Quasar Narrow-Line Regions](#),
Monthly Notices of the Royal Astronomical Society, 477, 4615 (2018)
http://adsabs.harvard.edu/cgi-bin/bib_query?arXiv:1804.05848
77. Goulding A. D., Zakamska N. L., *Alexandroff R. M., Assef R. J., Banerji M., Hamann F., *Wylezalek D., Brandt W. N., Greene J. E., Lansbury G. B., Pâris I., Richards G., Stern D., Strauss M. A.:
[High redshift extremely red quasars in X-rays](#),
Astrophysical Journal, 856, 4 (2018)
<http://esoads.eso.org/abs/2018ApJ...856....4G>
76. Timlin J. D., Ross N. P., Richards G. T., Myers A. D., Pellegrino A., Bauer F. E., Lacy M., Schneider D. P., Wollack E. J., Zakamska N. L.:
[The Clustering of High-Redshift \(\$2.9 \leq z \leq 5.1\$ \) Quasars in SDSS Stripe 82](#),
Astrophysical Journal, 859, 20 (2018)
<https://ui.adsabs.harvard.edu/#abs/2018ApJ...859...20T/abstract>
75. Pharo J., et al. (FIGS collaboration, 21 co-authors):
[Spectrophotometric redshifts in the faint infrared grism survey: tracing large scale structure for faint galaxies](#),
Astrophysical Journal, 856, 116 (2018)
<https://arxiv.org/abs/1802.02239>
74. *Hwang H.-C., Zakamska N. L., *Alexandroff R. M., Hamann F., Greene J. E., Perrotta S., Richards G. T.:
[Winds as the origin of radio emission in \$z = 2.5\$ radio-quiet extremely red quasars](#),
Monthly Notices of the Royal Astronomical Society, 477, 830 (2018)
<https://arxiv.org/abs/1803.02821>
73. Abolfathi B. et al. (SDSS collaboration, over 300 co-authors in alphabetical order):
[The fourteenth data release of the Sloan Digital Sky Survey](#),
Astrophysical Journal Supplementary Series, 235, 42 (2018)
<https://arxiv.org/abs/1707.09322>
72. Zakamska N. L.:
[Relativistic jets: an astrophysical laboratory for the Doppler effect](#),
American Journal of Physics, 86, 354 (2018)
<https://aapt.scitation.org/doi/10.1119/1.5022796>
71. Barrera-Ballesteros J. K., Heckman T., Sanchez S. F., Zakamska N. L., *Cleary J., Zhu G., Brinkmann J., Drory N.:
[SDSS-IV MaNGA: What Shapes The Distribution Of Metals In Galaxies? Exploring The Roles Of The Local Gas Fraction And Escape Velocity](#),
Astrophysical Journal, 852, 74 (2018)
<https://arxiv.org/abs/1711.10492>
70. *Wylezalek D., Zakamska N. L., Greene J. E., Riffel R. A., Andrews B. H., Merloni A., Thomas D., Yan R.:
[SDSS-IV MaNGA: Identification of active galactic nuclei in optical integral field unit surveys](#),
Monthly Notices of the Royal Astronomical Society, 474, 1499 (2018)
<https://arxiv.org/abs/1710.09389>

69. Albareti F. D. et al. (SDSS collaboration, over 300 co-authors in alphabetical order):
[The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory](#),
Astrophysical Journal Supplementary Series, 233, 25 (2017)
<http://esoads.eso.org/abs/2017ApJS...233...25A>
68. Barrows R. S., Comerford J. M., Zakamska N. L., Cooper M. C.:
[Observational constraints on correlated star formation and active galactic nuclei in late-stage galaxy mergers](#),
The Astrophysical Journal, 850, 27 (2017)
<http://esoads.eso.org/abs/2017ApJ...850...27B>
67. Hickox R. C., Myers A. D., Greene J. E., Hainline K. N., Zakamska N. L., DiPompeo M. A.:
[Composite spectral energy distributions and infrared-optical colors of type 1 and type 2 quasars](#),
The Astrophysical Journal, 849, 53 (2017)
<http://esoads.eso.org/abs/2017ApJ...849...53H>
66. Pirzkal N., et al. (FIGS collaboration, 28 co-authors):
[FIGS – Faint Infrared Grism Survey: Description and Data Reduction](#),
The Astrophysical Journal, 846, 84 (2017)
<http://esoads.eso.org/abs/2017ApJ...846...84P>
65. Zhu G. B., Barrera-Ballesteros J. K., Heckman T. M., Zakamska N. L., Yan R., Brinkmann J.:
[A local leaky-box model for the local stellar surface density-gas surface density-gas phase metallicity relation](#),
Monthly Notices of the Royal Astronomical Society, 468, 4494 (2017)
<http://adsabs.harvard.edu/abs/2017MNRAS.468.4494Z>
64. Blanton M. R., Bershady M. A., et al. (SDSS collaboration – 351 co-authors in alphabetical order):
[Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies and the Distant Universe](#),
The Astronomical Journal, 154, 28 (2017)
<http://esoads.eso.org/abs/2017AJ....154...28B>
63. *Wylezalek D., Schnorr Müller A., Zakamska N. L., Storchi-Bergmann T., Greene J. E., *Kelly M., Liu G., Law D. R., Barrera-Ballesteros J. K., Riffel R. A.:
[Zooming into local active galactic nuclei: The power of combining SDSS-IV MaNGA with higher resolution integral field unit observations](#),
Monthly Notices of the Royal Astronomical Society, 467, 2612 (2017)
<http://adsabs.harvard.edu/abs/2017MNRAS.467.2612W>
62. Pei L., et al. (STORM collaboration, ~140 collaborators):
[Space telescope and optical reverberation mapping project. V. Optical spectroscopic campaign and emission-line analysis for NGC5548](#),
The Astrophysical Journal, 837, 131 (2017)
<http://adsabs.harvard.edu/abs/2017ApJ...837..131P>
61. Sun A.-L., Greene J. E., Zakamska, N. L.:
[Sizes and kinematics of extended narrow-line regions in luminous obscured AGN selected by broadband images](#),
The Astrophysical Journal, 835, 222 (2017)
<http://adsabs.harvard.edu/abs/2017ApJ...835..222S>

60. Hamann F., Zakamska N. L., Ross N. P., Pâris I., *Alexandroff R. M., Villforth C., Richards G. T., Herbst H., Brandt W. N., Cook B., Denney K. D., Greene J. E., Schneider D. P., Strauss M. A.:
[Extremely Red Quasars in BOSS](#),
Monthly Notices of the Royal Astronomical Society, 464, 3431 (2017)
<http://adsabs.harvard.edu/abs/2017MNRAS.464.3431H>
59. *Alexandroff R. M., Zakamska N. L., van Velzen S., Greene J. E., Strauss M. A.:
[Sensitive Radio Survey of Obscured Quasar Candidates](#),
Monthly Notices of the Royal Astronomical Society, 463, 3056 (2016)
<http://adsabs.harvard.edu/abs/2016MNRAS.463.3056A>
58. Barrera-Ballesteros J. K., Heckman T. M., Zhu G., Zakamska N. L., Sánchez S. F., Law D., Greene J. E., Pan K., Bizyaev D., Oravetz D., Simmons A., Malanushenko E., Roman Lopes A.:
[Do galaxy global relationships emerge from local ones? I. The SDSS IV MaNGA surface mass density – metallicity relation](#),
Monthly Notices of the Royal Astronomical Society, 463, 2513 (2016)
<http://adsabs.harvard.edu/abs/2016MNRAS.463.2513B>
57. **Yuan S., Strauss M. A., Zakamska N. L.:
[Spectroscopic identification of type 2 quasars at \$z < 1\$ in SDSS-III/BOSS](#),
Monthly Notices of the Royal Astronomical Society, 462, 1603 (2016)
<http://adsabs.harvard.edu/abs/2016MNRAS.462.1603Y>
56. Tilvi V., Pirzkal N., Malhotra S., Finkelstein S. L., Rhoads J. E., Windhorst R., Grogin N. A., Koekemoer A., Zakamska N. L., Ryan R., Christensen L., Hathi N., Pharo J., Joshi B., Yang H., Gronwall C., Cimatti A., Walsh J., O’Connell R., Straughn A., Ostlin G., Rothberg B., Livermore R. C., Hixon P., Gardner J. P.:
[First results from Faint Infrared Grism Survey: first simultaneous detection of Ly \$\alpha\$ emission and Ly break from a galaxy at \$z = 7.51\$](#) ,
The Astrophysical Journal, 827, L14 (2016)
<http://adsabs.harvard.edu/abs/2016ApJ...827L..14T>
55. *Wylezalek D., Zakamska N. L.:
[Evidence of suppression of star formation by quasar-driven winds in gas-rich host galaxies at \$z < 1\$?](#)
Monthly Notices of the Royal Astronomical Society, 461, 3724 (2016)
<http://adsabs.harvard.edu/abs/2016MNRAS.461.3724W>
54. Timlin J. D., Ross N. P., Richards G. T., Lacy M., Ryan E. L., Stone R. B., Bauer F. E., Brandt W. N., Fan X., Jiang L., LaMassa S. M., Myers A. D., Schneider D. P., Wollack E. J., Zakamska N. L.:
[SpIES: The Spitzer IRAC Equatorial Survey](#),
The Astrophysical Journal Supplement, 225, 1 (2016)
<http://adsabs.harvard.edu/abs/2016ApJS..225....1T>
53. Zakamska N. L., Hamann F., Pâris I., Brandt W. N., Greene J. E., Strauss M. A., Villforth C., *Wylezalek D., *Alexandroff R. M., Ross N. P.:
[Discovery of extreme \[OIII\]5007A outflows in high-redshift red quasars](#),
Monthly Notices of the Royal Astronomical Society, 459, 3144 (2016)
<http://adsabs.harvard.edu/abs/2016MNRAS.459.3144Z>
52. *Wylezalek D., Zakamska N. L., *Liu G., *Obied G.:
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