

Publications

First Author

- (1. Distributed to co-authors for final comments 2016 Oct. 17)
“Continuum Reverberation Mapping of the Accretion Disks in Two Seyfert 1 Galaxies”
M. M. Fausnaugh et al. (71 authors)
Preprint available: www.astronomy.ohio-state.edu/~fausnaugh/RMdisks
2. “Reverberation Mapping of Optical Emission Lines in Five Active Galaxies”
M. M. Fausnaugh et al. (71 authors), submitted to *Astrophysical Journal* 2016 Oct. 1, arXiv:1610.00008 (2016).
3. “A New Approach to the Internal Calibration of Reverberation Mapping Spectra”
M. M. Fausnaugh (single author), accepted to *Publications of the Astronomical Society of the Pacific* 2016 Oct. 11, arXiv:1609.04014 (2016).
4. “Space Telescope and Optical Reverberation Mapping Project. III. Optical Continuum Emission and Broad-Band Time Delays in NGC 5548”
M. M. Fausnaugh et al. (99 authors), *Astrophysical Journal*, 821:56 (2016).
5. “The Cepheid distance to the maser-host galaxy NGC 4258: studying systematics with the Large Binocular Telescope”
M. M. Fausnaugh, C. S. Kochanek, J. R. Gerke, L. M. Macri, A. G. Riess, K. Z. Stanek, *Monthly Notices of the Royal Astronomical Society*, 450:3597 (2015).

Major Contributing Author

6. “Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-Line Analysis for NGC 5548”, L. Pei, **M. M. Fausnaugh**, and 152 others, submitted to *Astrophysical Journal* 2016 Oct. 21.
7. “Swift Monitoring of NGC 4151: Evidence for a Second X-ray/UV Reprocessing”, R. Edelson, J. Gelbord, E. Cackett, C. Done, **M. M. Fausnaugh**, and 37 others, submitted to *Astrophysical Journal* 2016 Oct. 20.
8. “Spitzer Space Telescope Measurements of Dust Reverberation Lags in the Seyfert 1 Galaxy NGC 6418”, B. Vazquez, P. Galianni, M. Richmond, A. Robinson, D. J. Axon, K. Horne, T. Almeyda, **M. M. Fausnaugh**, and 18 others, *Astrophysical Journal*, 801:127 (2015).

Contributing Author

9. “Space Telescope and Optical Reverberation Mapping Project. VI. Reverberating Disk Models for NGC 5548”, D. Starkey, K. Horne, **M. M. Fausnaugh**, and 96 others, submitted to *Astrophysical Journal* 2016 Sept. 30.

10. “Space Telescope and Optical Reverberation Mapping Project. IV. Anomalous behavior of the broad ultraviolet emission lines in NGC 5548”, M. R. Goad et al. (102 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 824:11 (2016).
11. “Space Telescope and Optical Reverberation Mapping Project. II. Swift and HST Reverberation Mapping of the Accretion Disk of NGC 5548”, R. Edelson et al. (50 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 806:129 (2015).
12. “Space Telescope and Optical Reverberation Mapping Project. I. Ultraviolet Observations of the Seyfert 1 Galaxy NGC 5548 with the Cosmic Origins Spectrograph on Hubble Space Telescope”, G. De Rosa et al. (50 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 806:128 (2015).
13. “Swift/UVOT Grism Monitoring of NGC 5548 in 2013: An Attempt at MgII Reverberation Mapping”, E. M. Cackett, K. Gültekin, M. C. Bentz, **M. M. Fausnaugh**, B. M. Peterson, J. Troyer, M. Vestergaard, *Astrophysical Journal*, 810:86 (2015).
14. “OGLE-2015-BLG-0479LA,B: Binary Gravitational Microlens Characterized by Simultaneous Ground-based and Space-based Observations”, C. Han et al. (63 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 828:53 (2016).
15. “First simultaneous microlensing observations by two space telescopes: Spitzer & Swift reveal a brown dwarf in event OGLE-2016-BLG-1319”, Y. Shvartzvald et al. (94 authors, including **M. M. Fausnaugh**, submitted to *Astrophysical Journal*), arXiv:1606.02292 (2016).
16. “The Spitzer Microlensing Program as a Probe for Globular Cluster Planets: Analysis of OGLE-2015-BLG-0448”, P. Radoslaw et al. (92 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 823:63 (2016).
17. “Spitzer Observations of OGLE-2015-BLG-1212 Reveal a New Path to Breaking Strong Microlens Degeneracies”, V. Bozza et al. (92 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 820:79 (2016).
18. “Spitzer Microlens Measurement of a Massive Remnant in a Well-Separated Binary”, Y. Shvartzvald et al. (66 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 814:111 (2015).
19. “Spitzer IRAC Photometry for Time Series in Crowded Fields”, S. Calchi Novati et al. (25 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 814:92 (2015).

20. “The Typecasting of Active Galactic Nuclei: Mrk 590 no Longer Fits the Role”, K. D. Denney et al. (12 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 796:134 (2014).

21. “SN 2012au: A Golden Link between Superluminous Supernovae and Their Lower-luminosity Counterparts”, D. Milisavljevic et al. (29 authors, including **M. M. Fausnaugh**), *Astrophysical Journal*, 770:L38 (2013).

**Minor
Publications**

22–28. Seven *Astronomer’s Telegrams* with the ASAS-SN research group (#5102, #5110, #6143, #6158, #8352, #8356, #9146, unrefereed, 2013–2016).

29. “AGN Space Telescope and Optical Reverberation Mapping Project II. Ultraviolet and Optical Continuum Analysis”, **M. M. Fausnaugh**, Meeting of the American Astronomical Society #225 (2015).