

Kelly D. Denney — Publication List

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Publications

Refereed Publications

- 30 total; 8 first-author; 3 student-led in which I played a significant role (denoted by *)
 1. Shen, Yue et al. (incl. **Denney, K.D.**), *The Sloan Digital Sky Survey Reverberation Mapping Project: Stellar Velocity Dispersions of Quasar Hosts and the $M - \sigma_*$ Relation to $z \sim 1$* , 2014, ApJ or Science, almost submitted
 2. *Kilerci-Eser, E., Vestergaard, M., Peterson, B.M., **Denney, K.D.**, and Bentz, M.C., *On the Scatter in the Radius–Luminosity Relationship for Active Galactic Nuclei*, 2014, ApJ, submitted
 3. Shen, Yue et al. (incl. **Denney, K.D.**), *The Sloan Digital Sky Survey Reverberation Mapping Project: Technical Overview*, 2014, ApJS, submitted, arXiv:1408.5970
 4. Peterson, B.M. et al. (incl. **Denney, K.D.**), *Reverberation Mapping of the Seyfert 1 Galaxy NGC 7469*, 2014, ApJ, 795, 149
 5. **Denney, K.D.**, and 11 co-authors, *AGN Type-casting: Mrk 590 No longer Fits the Role*, 2014, ApJ, in press, arXiv:1404.4879
 6. Kim, A., et al. (incl. **Denney, K.D.**), *Distance Probes of Dark Energy*, Report from the “Dark Energy and CMB” working group for the American Physical Society’s Division of Particles and Fields long-term planning exercise (“Snowmass 2013”), 2015, *Astroparticle Physics*, 63, 2
 7. *King, A.L., Davis, T.M., **Denney, K.D.**, Vestergaard, M., & Watson, D., *High Redshift Standard Candles I: Predicted Cosmological Constraints*, 2014, MNRAS, 441, 3454
 8. Peterson, B.M., **Denney, K.D.**, and 9 co-authors, *The Size of the Narrow-Line Emitting Region in the Seyfert 1 Galaxy NGC 5548 from Emission-Line Variability*, 2013, ApJ, 779, 109
 9. **Denney, K.D.**, Pogge, R.W., Assef, R.J., Kochanek, C.S., Peterson, B.M., & Vestergaard, M., *CIV Line-width Anomalies: The Perils of Low Signal-to-noise Spectra*, 2013, ApJ, 775, 60
 10. *Park, Daeseong, Woo, Jong-Hak, **Denney, Kelly D.**, & Shin, Jaejin, *Calibrating CIV-based Black Hole Mass Estimates*, 2013, ApJ, 770, 87
 11. Bentz, M.C., **Denney, K.D.**, and 16 co-authors, *The Low-Luminosity End of the Radius-Luminosity Relationship for Active Galactic Nuclei from New Reverberation Mapping Results and Hubble Space Telescope Imaging*, 2013, ApJ, 767, 149
 12. Grier, C.J., et al. (incl. **Denney, K.D.**), *The Structure of the Broad Line Region in AGN: I. Reconstructed Velocity-Delay Maps*, 2013, ApJ, 764, 47
 13. **Denney, K.D.**, *Are Outflows Biasing Single-Epoch CIV Black Hole Mass Estimates?*, 2012, ApJ, 759, 44
 14. Pacciani, L., Donnarumma, I., **Denney, K.D.**, and 59 coauthors, *The Characterization of the Distant Blazar PKS 1237+049 from Flaring and Low Activity Periods*, 2012, MNRAS, 425, 2015
 15. Grier, C.J., Peterson, B.M., Pogge, R.W., **Denney, K.D.**, and 36 coauthors, *Reverberation Mapping Results for Five Seyfert 1 Galaxies*, 2012, ApJ, 755, 60
 16. Assef, R.J., Frank, S., Grier, C.J., Kochanek, C.S., **Denney, K.D.**, and Peterson, B.M., *The Importance of Broad Emission-Line Widths in Single-Epoch Black Hole Mass Estimates*, 2012, ApJL, 753, L2

17. Grier, C.J., Peterson, B.M., Pogge, R.W., **Denney, K.D.**, and 36 coauthors, *A Reverberation Lag for the High-Ionization Component of the Broad Line Region in the Narrow-Line Seyfert 1 Mrk 335*, 2011, ApJL, 744, L4
18. Assef, R.J., **Denney, K.D.**, and 39 coauthors, *Black Hole Mass Estimates Based on CIV are Consistent with Those Based on the Balmer Lines*, 2011, ApJ, 742, 93
19. Darach Watson, **Kelly D. Denney**, Marianne Vestergaard, and Tamara M. Davis, *A New Cosmological Distance Measure Using Quasars*, 2011, ApJ, 740, L49
20. **Denney, Kelly D.**, and 42 coauthors, *Reverberation Mapping Measurements of Black Hole Masses in Six Local Seyfert Galaxies*, 2010, ApJ, 721, 715
21. **Denney, Kelly D.**, and 42 coauthors, *Diverse Kinematic Signatures From Reverberation Mapping of the Broad-Line Regions in Active Galactic Nuclei*, 2009, ApJL, 704, L80
22. **Denney, Kelly D.**, and 32 coauthors, *A Revised Broad-Line Region Radius and Black Hole Mass for the Narrow-Line Seyfert 1 NGC 4051*, 2009, ApJ, 702, 1353
23. **Denney, Kelly D.**, Peterson, Bradley M., Dietrich, Matthias, Vestergaard, Marianne, Bentz, Misty C., *Systematic Errors in Black Hole Masses Determined with Single Epoch Spectra*, 2009, ApJ, 692, 246
24. Grier, C. J., Peterson, B. M., Bentz, M. C., **Denney, K. D.**, and 13 coauthors, *The Mass of the Black Hole in the Quasar PG 2130+099*, 2008, ApJ, 688, 837
25. Bentz, Misty C., **Denney, Kelly D.**, and 16 coauthors, *NGC 5548 in a Low-Luminosity State: Implications for the Broad-Line Region*, 2007, ApJ, 662, 205
26. **Denney, Kelly D.**, and 17 coauthors, *The Mass of the Black Hole in the Seyfert 1 Galaxy NGC 4593 from Reverberation Mapping*, 2006, ApJ, 653, 152
27. Bentz, Misty C., **Denney, Kelly D.**, and 16 coauthors, *A Reverberation-based Mass for the Central Black Hole in NGC 4151*, 2006, ApJ, 651, 775
28. Lars P. Dyrud, **Kelly Denney**, Julio Urbina, Diego Janches, Erhan Kudeki, Steve Franke, *THE METEOR FLUX: It Depends How You Look*, Earth, Moon, and Planets, Oct 2005, Pages 1–12
29. Dyrud, L. P., Ray, L., Oppenheim, M., Close, S., **Denney, K.**, *Modeling high-power large-aperture radar meteor trails*, Journal of Atmospheric and Solar-Terrestrial Physics, V67, 1171D, 2005
30. Dyrud, L. P., **K. Denney**, S. Close, M. Oppenheim, J. Chau, L. Ray, *Meteor Velocity Determination with Plasma Physics*, Atmospheric Chemistry and Physics Discussions, Vol. 4, 2004

• **Non-Refereed Publications and Abstracts**

21 total in reverse chronological order; 10 first-author or presenter

1. **Denney, Kelly D.** *Advances in Reverberation Mapping of Quasars: Techniques, Experiments, and Implications*, AAS Meeting #223, Washington D.C., 2014
2. Bentz, M.C., **Denney, K.D.**, Grier, C. J., Barth, A.J. Peterson, B. M., and Vestergaard, M., *The Low-Luminosity End of the Radius-Luminosity Relationship for Active Galactic Nuclei*, AAS Meeting #223, Washington D.C., 2014
3. **Denney, K. D.** *Reverberation Mapping: Masses and Distance and Size, Oh My!*, Bash Symposium, Austin, TX, 2013, POS, 10
4. **Denney, Kelly D.** *Measuring Black Hole Masses in Quasars at High Redshift*, AAS Meeting #221, Long Beach, CA, 2013
5. **Denney, Kelly D.**, and 4 coauthors *Evidence for Broad Line Region Outflows and Their Impact on Black Hole Mass Measurements*, AGN Winds in Charleston, 2012, ASPC, 460, 103
6. **Denney, Kelly D.**, Vestergaard, M., Watson, D., and Davis, T.M. *Using Quasars as Standard Candles for Studying Dark Energy*, AAS Meeting #219, Austin, TX, 2012

7. **Denney, Kelly D.**, and 9 coauthors, *Addressing Systematic Uncertainties in Black Hole Mass Measurements*, Narrow-Line Seyfert 1 Galaxies and their place in the Universe, Milano, Italy, 2011, POS, 34
8. Grier, C., Peterson, B. M., **Denney, Kelly D.**, Bentz, M., and Pogge, R. W., *New results in reverberation mapping*, Narrow-Line Seyfert 1 Galaxies and their place in the Universe, Milano, Italy, 2011, POS, 52
9. Vestergaard, M., **Denney, Kelly D.**, and 6 other coauthors, *Black hole mass estimations: limitations and uncertainties*, Narrow-Line Seyfert 1 Galaxies and their place in the Universe, Milano, Italy, 2011, POS, 38
10. **Denney, Kelly D.**, *Reverberation Mapping at MDM Observatory: New and Improved Lags, Black Hole Masses, and Velocity-Resolved Kinematic Signatures*, AAS Meeting #215, Washington, D.C., 2010
11. Wagner, R.M., et al. (incl. **Denney, Kelly D.**), *The Evolution and Nature of the Classical Nova and Super-soft X-ray Source CSS081007:030559+054715*, AAS Meeting #215, Washington, D.C., 2010
12. **Denney, Kelly D.**, and 8 coauthors, *Reverberation Mapping Results from MDM Observatory, Co-Evolution of Central Black Holes and Galaxies*, 2009, IAU Symposium 267, 201
13. Grier, C.J., et al. (incl. **Denney, Kelly D.**), *Investigating the High-Luminosity End of the Active Galaxy $M_{\text{BH}} - \sigma_*$ Relation*, Co-Evolution of Central Black Holes and Galaxies, 2009, IAU Symposium 267, 204
14. **Denney, Kelly D.**, *A New Mass Estimate of the Central Supermassive Black Hole in NGC 4051 with Reverberation Mapping*, 2009, The Knowledge Bank at OSU, 23rd Annual, Edward F. Hayes Graduate Research Forum, <http://hdl.handle.net/1811/37095>
15. Schwarz, G. J., Ness, J.-U., Osborne, J. P., Page, K., Wagner, R. M., Starrfield, S., Prieto, J., Pejcha, O., **Denney, K.**, Swift detection of Super Soft X-ray emission in nova CSS081007:030559+054715, 2008, The Astronomers Telegram, 1847, 1
16. Prieto, J. L., **Denney K.**, Pejcha, O., Wagner R.M., Strong Neon Emission in CSS081007:030559+054715: A Possible Oxygen/Neon Nova, 2008, The Astronomers Telegram, 1835, 1
17. Pejcha, O., Prieto, J. L., **Denney, K.**, Optical spectroscopy of transient CSS081007:030559+054715, 2008, The Astronomers Telegram, 1825, 1
18. **Denney, K. D.**, Bentz, M. C.; Peterson, B. M.; Pogge, R. W., The Mass of the Black Hole in NGC 4593 Using Reverberation Mapping, The Central Engine of Active Galactic Nuclei, 2007, ASPCS, 373, 23
19. Bentz, M. C., **Denney, K. D.**, Peterson, B. M.; Pogge, R. W., Refining the Radius-Luminosity Relationship for Active Galactic Nuclei, The Central Engine of Active Galactic Nuclei, 2007, ASPCS, 373, 380
20. Eastman, J., and 13 coauthors including **Denny, K.**, Supernova 2005kd in Pgc 14370, 2005, Central Bureau Electronic Telegrams, 290, 1
21. Peebles, M. and 13 coauthors including **Denny, K.**, Supernova 2005kc in NGC 7311, 2005, Central Bureau Electronic Telegrams, 286, 1