Kenneth C. Wong

Research Center for the Early Universe
School of Science Bldg. No.4
University of Tokyo
7-3-1 Hongo, Bunkyo-ku, Tokyo, 113-0033, Japan

Email: kcwong@resceu.s.u-tokyo.ac.jp
Homepage: https://kcwong.github.io/
ORCID ID: https://orcid.org/0000-0002-8459-7793

Education

Ph. D. Astronomy, University of Arizona, August 2013

M.S. Astronomy, University of Arizona, November 2009

B.S. Physics, Univerisity of California - Davis, Jun 2007

Employment

September 2023 – present: Project Assistant Professor, Research Center for the Early Universe, The University of Tokyo

July 2021 – August 2023: Project Research Fellow, National Astronomical Observatory of Japan / Subaru Telescope

September 2018 – June 2021: Project Researcher, Kavli Institute for the Physics and Mathematics of the Universe, The University of Tokyo

September 2013 – August 2018: East Asia Core Observatories Association (EACOA) 5-year Postdoctoral Fellow

National Astronomical Observatory of Japan (September 2015 – August 2018)

Institute of Astronomy & Astrophysics, Academia Sinica (September 2013 – September 2015)

August 2007 – August 2013: Graduate Researcher, Steward Observatory, The University of Arizona

Research Interests

- Strong gravitational lensing
- Galaxy evolution
- Cosmology

Awards/Grants

- 2024 – Japan Society for the Promotion of Science Grant-in-Aid for Scientific Research (C) (KAKENHI)
- 2021 – Astronomical Society of Japan (ASJ) Young Astronomer Award
- 2020 – Japan Society for the Promotion of Science Grant-in-Aid for Young Scientists (KAKENHI)
- 2013 – East Asia Core Observatories Association (EACOA) Postdoctoral Fellowship
- 2012 – University of Arizona Department of Astronomy Scholarship Award (research excellence)
- 2010 – University of Arizona Technology and Research Initiative Fund (TRIF) Imaging Fellowship
- 2007 – Saxon-Patton Prize in Physics (academic excellence, promise in continued work in physical sciences)
- 2007 – UC Davis Department of Physics Departmental Citation Award (academic excellence)
- 2006 – James & Leta Fulmor Scholarship (high academic achievement)
- 2005 – Blue Shield of California Foundation Scholarship
- 2005 – UC Davis Prized Writing Honorable Mention
- 2003-2007 – UC Davis Dean's Honors List (11 times)

Publications

Refereed; corresponding author

1. **Wong, K. C.**, Dux, F., Shajib, A. J., Suyu, S. H., Millon, M., Mozumdar, P., Wells, P. R., Agnello, A., Birrer, S., Buckley-Geer, E. J., Courbin, F., Fassnacht, C. D., Frieman, J., Galan, A., Lin, H., Marshall, P., J., Poh, J., Schuldt, S., Sluse, D., & Treu, T. 2024, *TDCOSMO. XVI. Measurement of the Hubble Constant from the Lensed Quasar WGD 2038−4008*, A&A, 689, 168
2. **Wong, K. C.**, Chan, J. H. H., Chao, D. C.-Y., Jaelani, A. T., Kayo, I., Lee, C.-H., More., A., & Oguri, M. 2022, *Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). VIII. New galaxy-scale lenses from the HSC SSP*, PASJ, 74, 1209
3. **Wong, K. C.**, Suyu, S. H., Chen, G. C.-F., Rusu, C. E., Millon, M., Sluse, D., Bonvin, V., Fassnacht, C. D., Taubenberger, S., Auger, M. W., Birrer, S., Chan, J. H. H., Courbin, F., Hilbert, S., Tihhonova, O., Treu, T., Agnello, A., Ding, X., Jee, I., Komatsu, E., Shajib, A. J., Sonnenfeld, A., Blandford, R. D., Koopmans, L. V. E., Marshall, P. J., & Meylan, G. 2020, *HoLiCOW XIII. A 2.4% measurement of H_0 from lensed quasars:* 5.3σ *tension between early and late-Universe probes*, MNRAS, 498, 1420
4. **Wong, K. C.**, Moriya, T. J., Oguri, M., Hilbert, S., Koyama,Y., & Nomoto, K. 2019, *Searches for Population III Pair-Instability Supernovae: Impact of Gravitational Lensing Magnification*, PASJ, 71, 60
5. **Wong, K. C.**, Sonnenfeld, A., Chan, J. H. H., Rusu, C. E., Tanaka, M., Jaelani, A. T., Lee, C.-H., More, A., Oguri, M., Suyu, S. H., & Komiyama, Y. 2018, *Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). II. Environments and Line-of-Sight Structure of Strong Gravitational Lens Galaxies to* $z \sim 0.8$, ApJ, 867, 107
6. **Wong, K. C.**, Raney, C., Keeton, C. R., Umetsu, K., Zabludoff, A. I., Ammons, S. M., & French, K. D. 2017, *Joint Strong and Weak Lensing Analysis of the Massive Cluster Field J0850+3604*, ApJ, 844, 127
7. **Wong, K. C.**, Ishida, T., Tamura, Y., Suyu, S. H., Oguri, M., & Matsushita, S. 2017, *ALMA Observations of the Gravitational Lens SDP.9*, ApJ, 743, L35
8. **Wong, K. C.**, Suyu, S. H., Auger, M. W., Bonvin, V., Courbin, F., Fassnacht, C. D., Halkola, A., Rusu, C. E., Sluse, D., Sonnenfeld, A., Treu, T., Collett, T. E., Hilbert, S., Koopmans, L. V. E., Marshall, P. J., & Rumbaugh, N. 2017, *HoLiCOW IV. Lens mass model of HE 0435-1223 and blind measurement of its time-delay distance for cosmology*, MNRAS, 465, 4895
9. **Wong, K. C.**, Suyu, S. H., & Matsushita, S. 2015, *The Innermost Mass Distribution of the Gravitational Lens SDP.81 from ALMA Observations*, ApJ, 811, 115
10. **Wong, K. C.**, Tran, K.-V. H., Suyu, S. H, Momcheva, I. G., Brammer, G. B., Brodwin, M., Gonzalez, A. H., Halkola, A., Kacprzak, G. G., Koekemoer, A. M., Papovich, C. J., & Rudnick, G. H. 2014, *Discovery of a Strong Lensing Galaxy Embedded in a Cluster at* $z = 1.62$, ApJ, 789, L31
11. **Wong, K. C.**, Zabludoff, A. I., Ammons, S. M., Keeton, C. R., Hogg, D. W., & Gonzalez, A. H. 2013, *A New Approach to Identifying the Most Powerful Gravitational Lensing Telescopes*, ApJ, 769, 52
12. **Wong, K. C.**, Ammons, S. M., Keeton, C. R., & Zabludoff, A. I. 2012, *Optimal Mass Configurations for Lensing High-Redshift Galaxies*, ApJ, 752, 104
13. **Wong, K. C.**, Blanton, M. R., Burles, S. M., Coil, A. L., Cool, R. J., Eisenstein, D. J., Moustakas, J., Zhu, G., & Arnouts, S. 2011, *PRIMUS: Enhanced Specific Star Formation Rates in Close Galaxy Pairs*, ApJ, 728, 119
14. **Wong, K. C.**, Keeton, C. R., Williams, K. A., Momcheva, I. G., Zabludoff, & A. I. 2011, *The Effect of Environment on Shear in Strong Gravitational Lenses*, ApJ, 726, 84

Refereed; contributing author

1. Paic, E., Courbin, F., Fassnacht, C. D., Galan, A., Millon, M., Sluse, D., Williams, D. M., Birrer, S., Buckley-Geer, E. J., Cappellari, M., Dux, F., Huang, X.-Y., Knabel, S., Lemon, C., Shajib, A., Suyu, S. H., Treu, T., **Wong, K. C.**, Christensen, L., Motta, V., & Sonnenfeld, A. 2025, *TDCOSMO. XXIV. Measurement of the Hubble constant from the doubly lensed quasar HE 1104−1805*, A&A, submitted
2. TDCOSMO Collaboration (incl. **Wong, K. C.**) 2025, *TDCOSMO 2025: Cosmological constraints from strong lensing time delays*, A&A, submitted (arXiv:2506.03023)
3. Williams, D. M., Treu, T., Birrer, S., Shajib, A. J., **Wong, K. C.**, Morishita, T., Schmidt, T., & Stiavelli, M. 2025, *TDCOSMO: XX. WFI2033−4723, the First Quadruply-Imaged Quasar Modeled with JWST Imaging*, A&A, in press (arXiv:2503.00099)
4. Dux, F., Millon, M., Lemon, C., Schmidt, T., Courbin, F., Shajib, A. J., Treu, T., Birrer, S., **Wong, K. C.**, Agnello, A., Andrade, A., Galan, A., Hjorth, J., Paic, E., Schuldt, S., Schweinfurth, A., Sluse, D., Smette, A., & Suyu, S. H. 2025, *J1721+8842: The first Einstein zig-zag lens*, A&A, 694, 300
5. Ishida, Y., **Wong, K. C.**, More, A., & Jaelani, A. 2025, *Combining neural networks with galaxy light subtraction for discovering strong lenses in the HSC SSP*, PASJ, 77, 105

6. Jaelani, A.T., More, A., **Wong, K. C.**, Inoue, K. T., Chao, D. C.-Y., Premadi, P. W., & Cañameras, R. 2024, *Survey of Gravitationally lensed Objects in HSC Imaging (SuGOHI) - X. Strong Lens Finding in The HSC-SSP using Convolutional Neural Networks*, MNRAS, 535, 1625
7. More, A., Canameras, R., Jaelani, A. T., Shu, Y., Ishida, Y., **Wong, K. C.**, Inoue, K. T., Schuldt, S., & Sonnenfeld, A. 2024, *Systematic comparison of neural networks used in discovering strong gravitational lenses*, MNRAS, 533, 525
8. Di, J., Egami, E., **Wong, K. C.**, Lee, C.-H., Ning, Y., Ota, N., & Tanaka, M. 2023, *MMT/Binospec Spectroscopic Survey of Two $z \sim 0.8$ Galaxy Clusters in the Eye of Horus Field*, ApJ, submitted (arXiv:2312.02140)
9. Holloway, P., Marshall, P. J., Verma, A., More, A., Canameras, R., Jaelani, A. T., Ishida, Y., & **Wong, K. C.** 2023, *A Bayesian Approach to Strong Lens Finding in the Era of Wide-area Surveys*, MNRAS, 530, 1297
10. Chan, J. H. H., **Wong, K. C.**, Ding, X., Chao, D., Chiu, I.-N., Jaelani, A. T., Kayo, I., More, A., Oguri, M., & Suyu, S. H. 2024, *Survey of Gravitationally Lensed Objects in HSC Imaging (SuGOHI). IX. Discovery of Strongly Lensed Quasar Candidates*, MNRAS, 527, 6253
11. Shajib, A. J., **Wong, K. C.**, Birrer, S., Suyu, S. H., Treu, T., Buckley-Geer, E. J., Lin, H., Rusu, C. E., Poh, J., Palmese, A., Agnello, A., Auger, M. W., Galan, A., Schuldt, S., Sluse, D., Courbin, F., Frieman, J., & Millon, M. 2022, *TDCOSMO IX. Systematic comparison between lens modelling software programs: time delay prediction for WGD 2038-4008*, A&A, 667, 123
12. Ding, X., Treu, T., Birrer, S., Agnello, A., Sluse, D., Fassnacht, C., Auger, M. W., **Wong, K. C.**, Suyu, S. H., Morishita, T., Rusu, C. E., & Galan, A. 2021, *Testing the Evolution of the Correlations between Supermassive Black Holes and their Host Galaxies using Eight Strongly Lensed Quasars*, MNRAS, 501, 269
13. Jaelani, A. T., Rusu, C. E., Kayo, I., More, A., Sonnenfeld, A., Silverman, J. D., Schramm, M., Anguita, T., Inada, N., Kondo, D., Schechter, P. P., Lee, K.-G., Oguri, M., Chan, J. H. H., **Wong, K. C.**, & Inoue, K. T. 2021, *Survey of Gravitationally lensed Objects in HSC Imaging (SuGOHI). VII. Discovery and Confirmation of Three Strongly Lensed Quasars*, MNRAS, 502, 1487
14. Birrer, S., et al. (incl. **Wong, K. C.**) 2020, *TDCOSMO IV. Hierarchical time-delay cosmography - joint inference of the Hubble constant and galaxy density profiles*, A&A, 643, 165
15. Sonnenfeld, A., et al. (incl. **Wong, K. C.**) 2020, *Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). VI. Crowdsourced lens finding with Space Warps*, A&A, 642, 148
16. Buckley-Geer, E. J., et al. (incl. **Wong, K. C.**) 2020, *STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J0408-5354 and WGD2038-4008*, MNRAS, 498, 3241
17. Jaelani, A. T., More, A., Oguri, M., Sonnenfeld, A., Suyu, S. H., Rusu, C. E., **Wong, K. C.**, Chan, J. H. H., Kayo, I., Lee, C.-H., Chao, D. C.-Y., Coupon, J., Inoue, K. T., & Futamase, T. 2020, *Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). V. Group-to-cluster scale lens search from the HSC-SSP Survey*, MNRAS, 495, 1291
18. Millon, M., Galan, A., Courbin, F., Treu, T., Suyu, S. H., Ding, X., Birrer, S., Chen, G. C.-F., Shajib, A. J., **Wong, K. C.**, Agnello, A., Auger, M. W., Buckley-Geer, E. J., Chan, J. H. H., Collett, T., Fassnacht, C. D., Hilbert, S., Koopmans, L. V. E., Motta, V., Mukherjee, S., Rusu, C. E., Sluse, D., Sonnenfeld, A., Spiniello, C., & Van de Vyvere, L. 2020, *TDCOSMO I. An exploration of systematic uncertainties in the inference of H_0 from time-delay cosmography*, A&A, 639, 101
19. Tanaka, K., Tsuji, A., Akamatsu, H., Chan, J. H., H., Coupon, J., Egami, E., Finet, F., Fujimoto, R., Ichinohe, Y., Jaelani, A. T., Lee, C.-H., Mitsuishi, I., More, A., More, S., Oguri, M., Okabe, N., Ota, N., Rusu, C. E., Sonnenfeld, A., Tanaka, M., Ueda, S., & **Wong, K. C.** 2020, *X-ray study of the double source plane gravitational lens system Eye of Horus observed with XMM-Newton*, MNRAS, 491, 3411
20. Chan, J. H. H., Suyu, S. H., Sonnenfeld, A., Jaelani, A. T., More, A., Yonehara, A., Kubota, Y., Coupon, J., Lee, C.-H., Oguri, M., Rusu, C. E., & **Wong, K. C.** 2020, *Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). IV. Lensed quasar search in the HSC survey*, A&A, 636, 87
21. Shajib, A. J., et al. (incl. **Wong, K. C.**) 2020, *STRIDES: A 3.9 per cent measurement of the Hubble constant from the strongly lensed system DES J0408-5354*, MNRAS, 494, 6072
22. Arendse, N., Wojtak, R. J., Agnello, A., Chen, G. C.-F., Fassnacht, C. D., Sluse, D., Hilbert, S., Millon, M., Bonvin, V., **Wong, K. C.**, Courbin, F., Suyu, S. H., Birrer, S., Treu, T., & Koopmans, L. V. E. 2019, *Cosmic dissonance: new physics or systematics behind a short sound horizon?*, A&A, 639, 57
23. Jaelani, A. T., More, A., Sonnenfeld, A., Oguri, M., Rusu, C. E., **Wong, K. C.**, Chan, J. H. H., Suyu, S. H., Kayo, I., Lee, C.-H., & Inoue, K. T. 2020, *Discovery of an unusually compact lensed Lyman Break Galaxy from Hyper Suprime-Cam Survey*, MNRAS, 494, 3156
24. Chen, G. C.-F., Fassnacht, C. D., Suyu, S. H., Rusu, C. E., Chan, J. H. H., **Wong, K. C.**, Auger, M. W., Hilbert, S., Bonvin, V., Birrer, S., Millon, M., Koopmans, L. V. E., Lagattuta, D. J., McKean, J. P., Vegetti, S., Courbin, F., Ding, X., Halkola, A., Jee, I., Shajib, A. J., Sluse, D., Sonnenfeld, A., & Treu, T. 2019, *A SHARP view of HoLiCOW: H_0 from three time-delay gravitational lens systems with adaptive-optics imaging*, MNRAS, 490, 1743
25. Rusu, C. E., **Wong, K. C.**, Bonvin, B., Sluse, D., Suyu, S. H., Fassnacht, C. D., Chan, J. H. H., Hilbert, S., Auger, M.

W., Sonnenfeld, A., Birrer, S., Courbin, F., Treu, T., Chen, G. C.-F., Halkola, A., Koopmans, L. V. E., Marshall, P. J., & Shajib, A. J. 2020, *HoLiCOW XII. Lens mass model of WFI2033-4723 and blind measurement of its time-delay distance and H_0*, MNRAS, 498, 1440

26. Sluse, D., et al. (incl. **Wong, K. C.**) 2019, *HoLiCOW X. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI2033-4723*, MNRAS, 490, 613
27. Bonvin, V., et al. (incl. **Wong, K. C.**) 2019, *COSMOGRAIL XVII: time delays of the quadruply lensed quasar WFI2033-4723*, A&A, 629, 97
28. Sonnenfeld., A., Jaelani, A. T., Chan, J., More, A., Suyu, S. H., **Wong, K. C.**, Oguri, M., & Lee, C.-H. 2019, *Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). III. Statistical strong lensing constraints on the stellar IMF of CMASS galaxies*, A&A, 630, 71
29. Tihhonova, O., Courbin, F., Harvey, D., Hilbert, S., Peel, A., Rusu, C. E., Fassnacht, C. D., Bonvin, V., Marshall, P. J., Meylan, G., Sluse, D., Suyu, S. H., Treu, T., & **Wong, K. C.** 2020, *HoLiCOW XI. A weak lensing measurement of the external convergence in the field of the lensed AGN B1608+656 using HST and Subaru deep imaging*, MNRAS, 498, 1406
30. Taubenberger, S., Suyu, S. H., Komatsu, E., Jee, I., Birrer, S., Bonvin, V., Courbin, F., Rusu, C. E., Shajib, A. J., & **Wong, K. C.** 2019, *The Hubble Constant determined through an inverse distance ladder including quasar time delays and Type Ia supernovae*, A&A, 628, 7
31. Sakakibara, H., Nishizawa, A. J., Oguri, M., Tanaka, M., Hsieh, B.-C., & **Wong, K. C.** 2019, *Effect of lensing magnifcation on type Ia supernova cosmology*, MNRAS, 486, 4365
32. Moriya, T. J., **Wong, K. C.**, Koyama,Y., Tanaka, M., Oguri, M., Hilbert, S., & Nomoto, K. 2019, *Searches for Population III pair-instability supernovae: Predictions for ULTIMATE-Subaru and WFIRST*, PASJ, 71, 59
33. Birrer, S., Treu, T., Rusu, C. E., Bonvin, V., Fassnacht, C. D., Chan, J. H. H., Agnello, A., Shajib, A. J., Chen, G. C.-F., Auger, M., Courbin, F., Hilbert, S., Sluse, D., Suyu, S. H., **Wong, K. C.**, Marshall, P., Lemaux, B. C., & Meylan, G. 2019, *HoLiCOW - IX. Cosmographic analysis of the doubly imaged quasar SDSS 1206+4332 and a new measurement of the Hubble constant*, MNRAS, 484, 4726
34. Chen, G. C.-F., Fassnacht, C. D., Chan, J. H. H., Bonvin, V., Rojas, K., Millon, M., Courbin, F., Suyu, S. H., **Wong, K. C.**, Sluse, D., Treu, T., Shajib, A. J., Hsueh, J.-W., Lagattuta, D. J., & McKean, J. P. 2018, *Constraining the microlensing effect on time delays with a new time-delay prediction model in H_0 measurements*, MNRAS, 481, 1115
35. Tihhonova, O., Courbin, F., Harvey, D., Hilbert, S., Rusu, C. E., Fassnacht, C. D., Bonvin, V., Marshall, P. J., Meylan, G., Sluse, D., Suyu, S. H., Treu, T., & **Wong, K. C.** 2018, *HoLiCOW VIII. A weak lensing measurement of the external convergence in the field of the lensed quasar HE0435−1223*, MNRAS, 477, 5657
36. Sonnenfeld, A., Chan, J. H. H., Shu, Y., More, A., Oguri, M., Suyu, S. H., **Wong, K. C.**, Lee, C.-H., Coupon, J., Yonehara, A., Bolton, A. S., Jaelani, A. T., Tanaka, M., Miyazaki, S., & Komiyama, Y. 2018, *Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). I. Automatic search for galaxy-scale strong lenses*, PASJ, 70, S29
37. Aihara, H., et al. (incl. **Wong, K. C.**) 2018, *The Hyper Suprime-Cam SSP Survey: Overview and Survey Design*, PASJ, 70, S4
38. Wilson, M. L., Zabludoff, A. I., Keeton, C. R., **Wong, K. C.**, Williams, K. A., French, K. D., & Momcheva, I. G. 2017, *A Spectroscopic Survey of the Fields of 28 Strong Gravitational Lenses: Implications for H_0*, ApJ, 850, 94
39. Ding, X., Treu, T., Suyu, S. H., **Wong, K. C.**, Morishita, T., Park, D., Sluse, D., Auger, M. W., Agnello, A., Bennert, V. N., & Collett, T. E. 2017, *HoLiCOW VII. Cosmic evolution of the correlation between black hole mass and host galaxy luminosity*, MNRAS, 472, 90
40. Ding, X., Liao, K., Treu, T., Suyu, S. H., Chen, G. C.-F., Auger, M. W., Marshall, P. J., Agnello, A., Courbin, F., Nierenberg, A. M., Rusu, C. E., Sluse, D., Sonnenfeld, A., & **Wong, K. C.** 2017, *HoLiCOW VI. Testing the fidelity of lensed quasar host galaxy reconstruction*, MNRAS, 465, 4634
41. Bonvin, V., Courbin, F., Suyu, S. H., Marshall, P. J., Rusu, C. E., Sluse, D., Tewes, M., **Wong, K. C.**, Collett, T. E., Fassnacht, C. D., Treu, T., Auger, M. W., Hilbert, S., Koopmans, L. V. E., Meylan, G., Rumbaugh, N., Sonnenfeld, A., & Spiniello, C. 2017, *HoLiCOW V. New COSMOGRAIL time delays of HE0435-1223: H_0 to 3.8% precision from strong lensing in a flat ΛCDM model*, MNRAS, 465, 4914
42. Rusu, C. E., Fassnacht, C. D., Sluse, D., Hilbert, S., **Wong, K. C.**, Huang, K.-H., Suyu, S. H., Collett, T. E., Marshall, P. J., Treu, T., & Koopmans, L. V. E. 2017, *HoLiCOW III. Quantifying the effect of mass along the line of sight to the gravitational lens HE 0435-1223 through weighted galaxy counts*, MNRAS, 467, 4220
43. Sluse, D., Sonnenfeld, A., Rumbaugh, N., Rusu, C. E., Fassnacht, C. D., Treu, T., Suyu, S. H., **Wong, K. C.**, Auger, M. W., Bonvin, V., Collett, T. E., Courbin, F., Hilbert, S., Koopmans, L. V. E., Marshall, P. J., Meylan, G., Spiniello, C., & Tewes, M. 2017, *HoLiCOW II. Spectroscopic survey and galaxy-group identification of the strong gravitational lens system HE0435-1223*, MNRAS, 470, 4838
44. Suyu, S. H., Bonvin, V., Courbin, F., Fassnacht, C. D., Rusu, C. E., Sluse, D., Treu, T., **Wong, K. C.**, Auger, M. W., Ding, X., Hilbert, S., Marshall, P. J., Rumbaugh, N., Sonnenfeld, A., Tewes, M., Tihhonova, O., Agnello, A., Blandford, R. D., Chen, G. C.-F., Collett, T. E., Koopmans, L. V. E., Liao, K., Meylan, G., & Spiniello, C. 2017, *HoLiCOW I. Ho Lenses*

in COSMOGRAIL's Wellspring: Program Overview, MNRAS, 468, 2590
45. McCully, C., Keeton, C. R., **Wong, K. C.**, & Zabludoff, A. I. 2017, *Quantifying Environmental and Line-of-Sight Effects in Models of Strong Gravitational Lens Systems*, ApJ, 836, 141
46. Tanaka, M., **Wong, K. C.**, More, A., Dezuka, A., Egami, E., Oguri, M., Suyu, S. H., Sonnenfeld, A., Higuchi, R., Komiyama, Y., Miyazaki, S., Onoue, M., Oyamada, S., & Utsumi, Y. 2016, *A Spectroscopically Confirmed Double Source Plane Lens System in the Hyper Suprime-Cam Subaru Strategic Program*, ApJ, 826, L19
47. Chen, G. C.-F., Suyu, S. H., **Wong, K. C.**, Fassnacht, C. D., Chiueh, T., Halkola, A., Hu, I. S., Auger, M. W., Koopmans, L. V. E., Lagattuta, D. J., McKean, J. P., & Vegetti, S. 2016, *SHARP - III. First Use of Adaptive Optics Imaging to Constrain Cosmology with Gravitational Lens Time Delays*, MNRAS, 462, 3457
48. Mendez, A. J., Coil, A. L., Aird, J., Skibba, R. A., Diamond-Stanic, A. M., Moustakas, J., Blanton, M. R., Cool, R. C., Eisenstein, D. J., **Wong, K. C.**, & Zhu, G. 2016, *PRIMUS + DEEP2: Clustering of X-ray, Radio and IR-AGN at z∼0.7*, ApJ, 821, 55
49. Hahn, C., Blanton, M. R., Moustakas, J., Coil, A. L, Cool, R. J., Eisenstein, D. J., Skibba, R. A., **Wong, K. C.**, & Zhu, G. 2015, *PRIMUS: Effect of Galaxy Environment on the Quiescent Fraction Evolution at $z < 0.8$*, ApJ, 806, 162
50. Azadi, M., Aird, J., Coil, A. L., Moustakas, J., Mendez, A. J., Blanton, M. R., Cool, R. J., Eisenstein, D. J., **Wong, K. C.**, & Zhu, G. 2015, *PRIMUS: The Relationship Between Star Formation and AGN Accretion*, ApJ, 806, 187
51. McCully, C., Keeton, C. R., **Wong, K. C.**, & Zabludoff, A. I. 2014, *A New Hybrid Framework to Efficiently Model Lines of Sight to Gravitational Lenses*, MNRAS, 443, 3631
52. French, K. D., **Wong, K. C.**, Zabludoff, A. I., Ammons, S. M., Keeton, C. R., & Angulo. R. E. 2014, *Characterizing the Best Cosmic Telescopes with the Millennium Simulations*, ApJ, 785, 59
53. Skibba, R. A., Smith, M. S. M., Coil, A. L., Moustakas, J., Aird, J., Blanton, M. R., Bray, A. D., Cool, R. J., Eisenstein, D. J., Mendez, A. J., **Wong, K. C.**, & Zhu, G. 2014, *PRIMUS: Galaxy Clustering as a Function of Luminosity and Color at* $0.2 < z < 1$, ApJ, 784, 128
54. Ammons, S. M., **Wong, K. C.**, Keeton, C. R., & Zabludoff, A. I. 2014, *Mapping Compound Cosmic Telescopes Containing Multiple, Projected Cluster-Scale Halos*, ApJ, 781, 2
55. Aird. J., Coil, A. L., Moustakas, J., Diamond-Stanic, A. M., Blanton, M. R., Cool, R. J., Eisenstein, D. J., **Wong, K. C.**, & Zhu, G. 2013, *PRIMUS: An Observationally Motivated Model to Connect the Evolution of the Active Galactic Nucleus and Galaxy Populations Out to* $z \sim 1$, ApJ, 775, 41
56. Mendez, A. J., Coil, A. L., Aird, J., Diamond-Stanic, A. M., Moustakas, J., Blanton, M. R., Eisenstein, D. J., **Wong, K. C.**, & Zhu, G. 2013, *PRIMUS: Infrared and X-ray AGN Selection Techniques at* $0.2 < z < 1.2$, ApJ, 770, 40
57. Cool, R. J., Moustakas, J., Blanton, M. R., Burles, S. M., Coil, A L., Eisenstein, D. J., **Wong, K. C.**, Zhu, G., Aird, J., Bernstein, R. A., Bolton, A. S., & Hogg, D. W. 2013, *The Prism Multi-Object Survey (PRIMUS) II: Data Reduction and Redshift Fitting* ApJ, 767, 118
58. Moustakas, J., Aird, J., Blanton, M. R., Coil, A. L., Cool, R. J., Eisenstein, D. J., Mendez, A. J., **Wong, K. C.**, Zhu, G., & Arnouts, S. 2012, *PRIMUS: Constraints on Star Formation Quenching and Galaxy Merging Using the Evolution of the Stellar Mass Function from* $z = 0 - 1$, ApJ, 767, 50
59. Aird, J., Coil, A. L., Moustakas, J., Blanton, M. R., Burles, S. M., Cool, R. J., Eisenstein, D. E., Smith, M. S. M., **Wong, K. C.**, & Zhu, G. 2011, *PRIMUS: The Dependence of AGN Accretion on Host Stellar Mass and Color*, ApJ, 746, 90
60. Coil, A. L., Blanton, M. R., Burles, S. M., Cool, R. J., Eisenstein, D. J., Moustakas, J., **Wong, K. C.**, Zhu, G., Aird, J., Bernstein, R. A., Bolton, A. S., & Hogg, D. W. 2011, *The Prism Multi-Object Survey (PRIMUS) I: Survey Overview and Characteristics*, ApJ, 741, 8
61. Fassnacht, C. D., Koopmans, L. V. E., & **Wong, K. C.** 2011, *Galaxy Number Counts and Implications for Strong Lensing*, MNRAS, 410, 2167
62. Zhu. G., Blanton, M. R., Burles, S. M., Coil, A. L., Cool, R. J., Eisenstein, D. J., Moustakas, J., **Wong, K. C.**, & Aird, J. 2011, *PRIMUS: Obscured Star Formation On the Red Sequence*, ApJ, 726, 110
63. Auger, M. W., Fassnacht, C. D., **Wong, K. C.**, Thompson, D., Matthews, K., & Soifer, B. T. 2007, *Lens Galaxy Properties of SBS 1520+530: Insights from Keck Spectroscopy and AO Imaging*, ApJ, 673, 778

Non-Refereed

1. **Wong, K. C.** 2022, *Measurement of the Hubble Constant from Lensed Quasars*, The Astronomical Herald, 115, 11, 705
2. **Wong, K. C.** 2022, *A star from the dawn of the Universe*, NatAs, 6, 527
3. DeLatte, D., Peura, A., Johanson, R. T., Ono, A., **Wong, K. C.**, Mori, M., Heenatigala, T., Eggers, M., & Tasker, E. 2019, *Taking Space Cafe Global*, IAC-19,E1,6,7,x55066
4. **Wong, K. C.** 2018, *Cosmology from Gravitational Lens Time Delays*, ASP Conference Series, 514, 165
5. **Wong, K. C.**, Tran, K.-V. H., Suyu, S. H, Momcheva, I. G., Brammer, G. B., Brodwin, M., Gonzalez, A. H., Halkola, A., Kacprzak, G. G., Koekemoer, A. M., Papovich, C. J., & Rudnick, G. H. 2015, *Discovery of a Strong Lensing Galaxy*

Embedded in a Cluster at $z = 1.62$, PKAS, 30, 2, 389
6. Treu, T., et al. (incl. **Wong, K. C.**) 2013, *Dark Energy with Gravitational Lens Time Delays*, SNOWMASS2013 white paper (arXiv:1306.1272)
7. **Wong, K. C.**, Blanton, M. R., Burles, S., Coil, A. L., Cool, R. J., Eisenstein, D. J., Moustakas, J., Rujopakarn, W., & Zhu, G. 2010, *The Prism Multi-Object Survey (PRIMUS)*, ASP Conference Series, 423, 297

Last updated: August 15, 2025