Dr. Christopher A. Onken

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Employment

2013 – Present Research Fellow, The Australian National University

2008 – 2012 Deputy Australian Gemini Scientist, The Australian National University

2005 – 2008 Plaskett Fellow, Herzberg Institute of Astrophysics

Education

2005 Ph.D. (Astronomy), The Ohio State University 2002 M.S. (Astronomy), The Ohio State University

2000 B.S. (Astrophysics & Physics), University of Minnesota

Selected Publications

SkyMapper Southern Survey:

"Multifilter photometry of Solar System objects from the SkyMapper Southern Survey"

Sergeyev et al., 2022, A&A, 658, A109

"SkyMapper Southern Survey: Second data release (DR2)"

Onken et al., 2019, PASA, 36, 33

"Multi-messenger Observations of a Binary Neutron Star Merger"

Abbott et al., 2017, ApJL, 848, 12

"The SkyMapper Transient Survey"

Scalzo et al., 2017, PASA, 34, 30

Active Galactic Nuclei and Black Hole Masses:

"Ultraluminous high-redshift quasars from SkyMapper - II. New quasars and the bright end of the luminosity function"

Onken et al., 2022, MNRAS, 511, 572

"A thirty-four billion solar mass black hole in SMSS J2157–3602, the most luminous known quasar"

Onken et al., 2020, MNRAS, 496, 2309

"Discovery of the Most Ultra-Luminous QSO Using GAIA, SkyMapper, and WISE"

Wolf et al., 2018, PASA, 35, 24

"The Magellanic Quasars Survey. III. Spectroscopic Confirmation of 758 Active Galactic Nuclei behind the Magellanic Clouds"

Kozłowski et al., 2013, ApJ, 775, 92

"An Improved Method for Using Mg II to Estimate Black Hole Masses in Active Galactic Nuclei"

Onken & Kollmeier, 2008, ApJL, 689, 13

"Black Hole Masses and Eddington Ratios at 0.3 < z < 4"

Kollmeier et al., 2006, ApJ, 648, 128

"Supermassive Black Holes in Active Galactic Nuclei. II. Calibration of the Black Hole Mass-Velocity Dispersion Relationship for Active Galactic Nuclei"

Onken et al., 2004, ApJ, 615, 645