

Stanford



Sidney Mau

Ph.D. Student in Physics, admitted Autumn 2020

 Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- NSF Graduate Research Fellow, National Science Foundation (2020)

EDUCATION AND CERTIFICATIONS

- B.A., University of Chicago, Physics (2020)

LINKS

- <https://sidneymau.com/>: <https://sidneymau.com/>

Publications

PUBLICATIONS

- **A Search for Faint Resolved Galaxies Beyond the Milky Way in DES Year 6: A New Faint, Diffuse Dwarf Satellite of NGC 55** *ASTROPHYSICAL JOURNAL*
McNanna, M., Bechtol, K., Mau, S., Nadler, E. O., Medoff, J., Drlica-Wagner, A., Cerny, W., Crnojevic, D., Mutlu-Pakdil, B., Vivas, A. K., Pace, A. B., Carlin, J. L., Collins, et al
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- **Photometry, Centroid and Point-spread Function Measurements in the LSST Camera Focal Plane Using Artificial Stars** *PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC*
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- **Identification of Galaxy-Galaxy Strong Lens Candidates in the DECam Local Volume Exploration Survey Using Machine Learning** *ASTROPHYSICAL JOURNAL*
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- **DELVE 6: An Ancient, Ultra-faint Star Cluster on the Outskirts of the Magellanic Clouds** *ASTROPHYSICAL JOURNAL LETTERS*
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- **Six More Ultra-faint Milky Way Companions Discovered in the DECam Local Volume Exploration Survey** *ASTROPHYSICAL JOURNAL*
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- **Pegasus IV: Discovery and Spectroscopic Confirmation of an Ultra-faint Dwarf Galaxy in the Constellation Pegasus** *ASTROPHYSICAL JOURNAL*
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2023; 942 (2)
- **A Deep and Wide Twilight Survey for Asteroids Interior to Earth and Venus** *ASTRONOMICAL JOURNAL*
Sheppard, S. S., Tholen, D. J., Pokorny, P., Micheli, M., Dell'Antonio, I., Fu, S., Trujillo, C. A., Beaton, R., Carlsten, S., Drlica-Wagner, A., Martinez-Vazquez, C., Mau, S., Santana-Ros, et al
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- **The DECam Local Volume Exploration Survey Data Release 2** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*
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- **Milky Way Satellite Census. IV. Constraints on Decaying Dark Matter from Observations of Milky Way Satellite Galaxies** *ASTROPHYSICAL JOURNAL*
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- **Eridanus IV: an Ultra-faint Dwarf Galaxy Candidate Discovered in the DECam Local Volume Exploration Survey** *ASTROPHYSICAL JOURNAL LETTERS*
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- **The DECam Local Volume Exploration Survey: Overview and First Data Release** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*
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