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Professional Preparation

Computational Scientist, Perimeter Institute for Theoretical Physics, 2018–present

Research Associate, Department of Astronomy & Astrophysics and Dunlap Institute,
University of Toronto, 2015–2018

McWilliams Postdoctoral Fellow, McWilliams Center for Cosmology,
Carnegie Mellon University, 2012–2015

Postdoctoral Research Associate, Astrophysical Sciences
Princeton University, 2009–2012

Doctor of Philosophy, Computer Science
University of Toronto, 2009

Research Roles

Imaging Survey Scientist, Dark Energy Spectroscopic Instrument

Architect, Sloan Digital Sky Survey IV

Relevant Publications

Dey, A., Schlegel, D. J., **Lang, D.**, *et al.* (2019) Overview of the DESI Legacy Imaging Surveys *The Astronomical Journal*, 157, 168. arXiv:1804.08657.

Abolfathi, B. *et al.* (2018) The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the extended Baryon Oscillation Spectroscopic Survey and from the second phase of the Apache Point Observatory Galactic Evolution Experiment. *The Astrophysical Journal Supplements*, 235, 42. arXiv:1707.09322.

Lang, D., Hogg, D. W., and Schlegel, D. J. (2014) WISE photometry for 400 million SDSS sources. *The Astronomical Journal*, 151, 36. arXiv:1410.7397.

Lang, D. (2014) unWISE: unblurred coadds of the WISE imaging. *The Astronomical Journal*, 147, 108. arXiv:1405.0308.

Lang, D., Hogg, D. W., Mierle, K., Blanton, M., and Roweis, S. (2010) *Astrometry.net*: Blind astrometric calibration of arbitrary astronomical images. *The Astronomical Journal* 139, 1782. arXiv:0910.2233.