Stanford



Steven Dillmann

Ph.D. Student in Computational and Mathematical Engineering, admitted Autumn 2024

Bio

EDUCATION AND CERTIFICATIONS

- MPhil, University of Cambridge , Data Intensive Science (2024)
- MEng, Imperial College London , Aeronautics with Spacecraft Engineering (2023)

LINKS

- LinkedIn: https://www.linkedin.com/in/stevendillmann/

Publications

PUBLICATIONS

- **Lens Model Accuracy in the Expected LSST Lensed AGN Sample** *ASTRONOMICAL JOURNAL*
  Venkatraman, P., Erickson, S., Marshall, P., Millon, M., Holloway, P., Birrer, S., Dillmann, S., Huang, X., Jaragula, S., Kaehler, R., Khadka, N., Madejski, G., Mitra, et al
  2026; 172 (4)
- **Genome modelling and design across all domains of life with Evo 2.** *Nature*
  Brixi, G., Durrant, M. G., Ku, J., Naghipourfar, M., Poli, M., Sun, G., Brockman, G., Chang, D., Fanton, A., Gonzalez, G. A., King, S. H., Li, D. B., Merchant, et al
  2026
- **A Poisson Process AutoDecoder for X-Ray Sources** *ASTROPHYSICAL JOURNAL*
  Song, Y., Villar, V., Martinez-Galarza, R., Dillmann, S.
  2025; 988 (1)
- **Hyperluminous Supersoft X-Ray Sources in the Chandra Catalog** *ASTROPHYSICAL JOURNAL*
  Sacchi, A., Paggeot, K., Dillmann, S., Martinez-Galarza, J., Kosec, P.
  2025; 983 (2)
- **Representation learning for time-domain high-energy astrophysics: Discovery of extragalactic fast X-ray transient XRT 200515** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
  Dillmann, S., Martinez-Galarza, J., Soria, R., Di Stefano, R., Kashyap, V. L.
  2025; 537 (2): 931-955
- **The Cloudspotting on Mars citizen science project: Seasonal and spatial cloud distributions observed by the Mars Climate Sounder** *ICARUS*
  Slipski, M., Kleinbohl, A., Dillmann, S., Kass, D. M., Reimuller, J., Wronkiewicz, M., Doran, G.
  2024; 419
- **The impact of satellite trails on Hubble Space Telescope observations** *NATURE ASTRONOMY*
  Kruk, S., Garcia-Martin, P., Popescu, M., Aussel, B., Dillmann, S., Perks, M. E., Lund, T., Merin, B., Thomson, R., Karadag, S., McCaughrean, M. J.

2023; 7 (3): 262-268