
Publications

- 2023 C. H. LaMont, Oskar Schnaack, A. Nourmohammad *Path-Integral Q-Learning*, (in preparation)
- 2022 Michael N. Pun, Andrew Ivanov, Quinn Bellamy, Zachary Montague, **Colin LaMont**, Philip Bradley, Jakub Otwinowski, Armita Nourmohammad *Learning the shape of protein micro-environments with a holographic convolutional neural network*, (<https://arxiv.org/abs/2211.02936>)
- 2022 C. H. LaMont, A. Nourmohammad, *Optimal design of combination therapy with passive broadly neutralizing antibodies to suppress HIV-1*, (eLife, 2022)
- 2021 J. Otwinowski, C. H. LaMont and A. Nourmohammad, *Information-geometric optimization with natural selection*, Entropy, 22.9
- 2019 C. H. LaMont and P. A. Wiggins, *"Correspondence between thermodynamics and inference.*, Physical Review E, 99.5
- 2018 C. H. LaMont, *The search for an organizing physical framework for statistics*, Doctoral dissertation, University of Washington.
- 2018 C. H. LaMont and P. A. Wiggins, *Information-based inference for singular models and finite sample sizes, A frequentist information criterion*, <https://arxiv.org/pdf/1506.05855.pdf>
- 2017 C. H. LaMont and P. A. Wiggins, *The Lindley paradox: The loss of resolution in Bayesian inference*, <https://arxiv.org/abs/1610.09433>
- 2016 C. H. LaMont and P. A. Wiggins, *The development of an information criterion for change-point analysis* Neural computation, 28.3
- 2014 C. H. LaMont and J. Franklin, *The Motion of a Pair of Charged Particles* Brazilian Journal of Physics, 44.1
- 2011 C. H. LaMont, *Relativistic Direct Interaction Electrodynamics: Theory and Computation* Undergraduate Thesis, Reed College