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- Ph.D. Student in Physics, admitted Autumn 2017
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Publications

PUBLICATIONS

- **Clustering of electromagnetic showers and particle interactions with graph neural networks in liquid argon time projection chambers** *PHYSICAL REVIEW D*
Drielsma, F., Lin, Q., de Soux, P., Domine, L., Itay, R., Koh, D., Nelson, B. J., Terao, K., Tsang, K., Usher, T. L., DeepLearnPhys Collaboration
2021; 104 (7)
- **Point proposal network for reconstructing 3D particle endpoints with subpixel precision in liquid argon time projection chambers** *PHYSICAL REVIEW D*
Domine, L., de Soux, P., Drielsma, F., Koh, D., Itay, R., Lin, Q., Terao, K., Tsang, K., Usher, T. L.
2021; 104 (3)
- **Scalable deep convolutional neural networks for sparse, locally dense liquid argon time projection chamber data** *PHYSICAL REVIEW D*
Domine, L., Terao, K., DeepLearnPhys Collaboration
2020; 102 (1)
- **Gluon density fluctuations in dilute hadrons** *PHYSICAL REVIEW D*
Domine, L., Giacalone, G., Lorce, C., Munier, S., Pekar, S.
2018; 98 (11)