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## **Supervised Attention for Jet Classification**

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Secondary vertex reconstruction is a key intermediate step in building powerful jet classifiers. We use a neural network to perform vertex finding inside jets in order to improve classification performance. This can be thought of as a supervised attention mechanism - directing the classifier towards the relevant information inside the jet. We show supervised attention outperforms an identical network with standard unsupervised attention.

https://arxiv.org/abs/2008.02831

## **Affiliation**

Weizmann Institute

## **Academic Rank**

PhD student

**Authors:** GROSS, Eilam (Weizmann Institute of Science (IL)); SHLOMI, Jonathan (Weizmann Institute of Science (IL)); CRANMER, Kyle Stuart (New York University (US)); GANGULY, Sanmay (Weizmann Institute of Science (IL))

Presenter: SHLOMI, Jonathan (Weizmann Institute of Science (IL))

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