

NEPTUNE transformer models and its usage in a new event selection

Monday, 25 May 2026 14:40 (20 minutes)

I want to give a talk about my machine learning work in IceCube (specifically regarding the NEPTUNE transformer models and its usage in a new event selection). I will be discussing aspects and features of the model and its training procedure that will be applicable and useful to any type of ML-based model, which should make it interesting across experiments.

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Presenter: YU, Felix

Session Classification: Topical Sessions

Track Classification: Analysis Tools, ML Algorithms, Low-Level Reconstructions, Triggers, ...