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Transformer-based models for detector simulation

Tuesday, 27 June 2023 11:00 (20 minutes)

Detector simulations are an important component of the research in High Energy Physics. However, the current Mote Carlo-based simulation tools are computationally intensive and finding a faster alternative is necessary. This talk focuses on the current development in the domain of using deep learning models for calorimeter simulations, namely the experimentation with transformer neural networks.

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