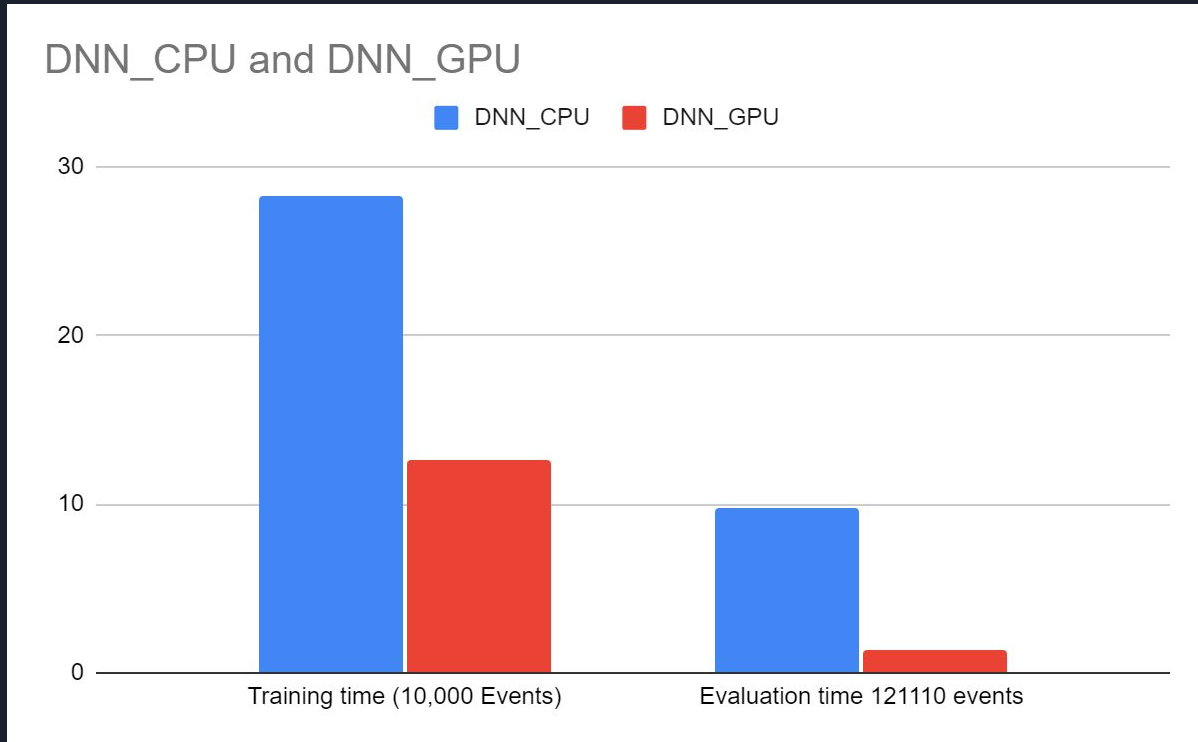


A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is light green. They are positioned diagonally, with the blue one partially covering the green one.

# GPU Accelerated ROOT TMVA (DNN)

Arthur Conover 7/2/2021

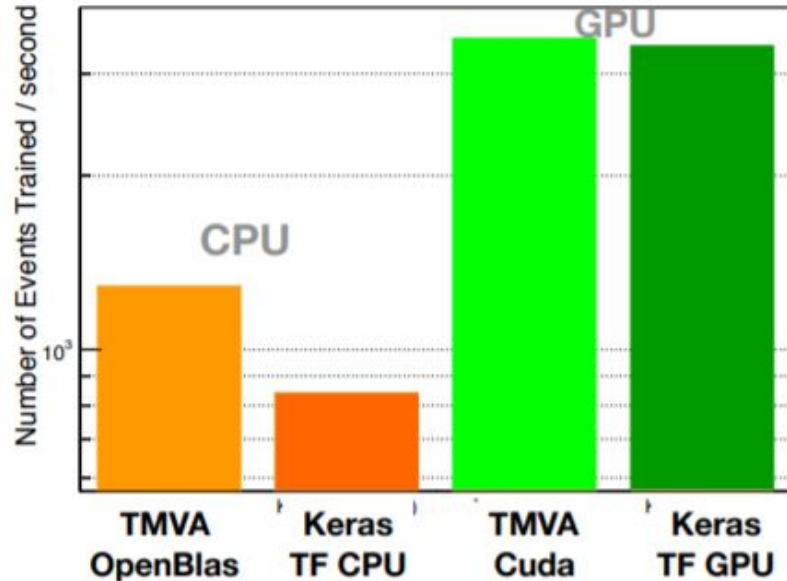
My results (want to do with more sets of data)



2.25x improvement  
in training, 7.5x  
improvement with  
evaluation

This aligns with results reported in a talk by [Lorenzo Moneta from CERN](#)

4 Convolutional layers, Batch size = 32



Prediction Time (5 Dense Layers - 200 units)

