Contribution ID: **23**   Type: **not specified**

Deep Learning with Matrix Element Method on ttZ at CMS

The "ttZ" process is one of the dominant background of the "ttH". For discriminating signal and background more efficiently, the "Matrix Element Method" has been used. For further improvement, Deep Learning Technique is used. The talk will focus on technical part of the "Deep Neural Network" with "Matrix Element Method" application on a analysis.

Primary author: Mr LEE, Junho (CMS)

Presenter: Mr LEE, Junho (CMS)