

MadWeight Tutorial

Tuesday, November 10, 2015 3:20 PM (1 hour)

This tutorial will introduce the matrix-element method and will be use to extract the top-quark mass from a data sample. For this you will learn how to use MadWeight, a program which performs the phase-space integration and returns the weight of the matrix-element method. We will discuss the speed issue and the various options in MadWeight to reduce the cpu-time of your computation.

Presenter: MATTELAER, Olivier Pierre C (IPPP Durham)

Session Classification: Tutorials II: Matrix Element Method (MEM)