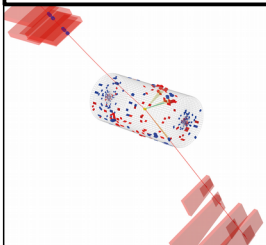
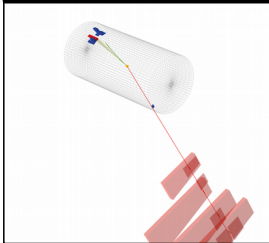


$Z \rightarrow \mu\mu$ Selection

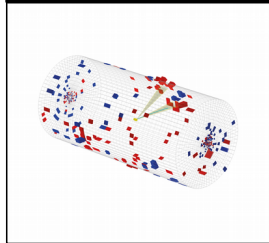


$Z \rightarrow \tau\tau$ Simulation



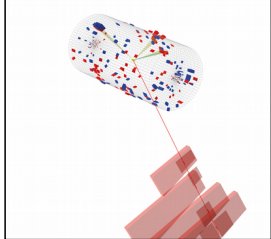
Simulate τ leptons with same kinematic properties as muons.

$Z \rightarrow \mu\mu$ Cleaning



Remove energy deposits from muons.

$Z \rightarrow \tau\tau$ Hybrid



Merge simulated and cleaned event to hybrid.