Inputs:
- measured v_n
- measured centrality

GetEvent():
Loop over particles of the event, multiplicity of the event determined according to centrality

In loop:
Construct tracks and save them to **a list**

GetParticleLists():
- Sort particles to **detector lists** by their pseudorapidity
- Sort particles also to **sub-event lists**

AnalyzeEvent():
Construct Q-vectors and calculate quantities for retrieving v_n in other script later

Ouput is histograms for:
- R_{true}
- R_{sub}
- v_{obs}

- $Q_n Q_{nA}{}^* / |Q_{nA}|$
- $Q_{nA} Q_{nB}{}^* / |Q_{nA} Q_{nB}|$
- $Q_n Q_{nA}{}^*$
- $Q_{nA} Q_{nB}{}^*$