SIMC with SHMS

* SHMS model exists - will be added to latest SIMC after a few updates are finished (allow for decay, etc... within spectrometer).

* Allows for rate/acceptance/... calculations for elastic and QE scattering, pion and kaon electroproduction.

  Default cross section models may not be appropriate for the kinematics you might want to model.

  The cross section model in SIMC can be changed, or different models can be compared by changing the cross section weighting in the ntuple.

  Other processes can be modeled by modifying the event generation or by using the SHMS model with a stand-alone event generator

* We can have multiple SHMS models (for different tunes), or the magnet positions and field strengths can be modified within the code without generating new optics transformations.

* Can select from existing spectrometers for each detected particle, add new spectrometer model, or use geometric cuts.