

Below are some issues/questions that the first talk will attempt to address.

- (1) why does imposing a jet veto, or alternatively performing an analysis on exclusive jet bins, increase the scale dependence
- (2) why is this not contained in the normal NLO (NNLO) scale uncertainty
- (3) what uncertainties should we use, e.g. for the current $H \rightarrow WW + 0, 1, 2$ jets analyses to make exclusion plots
- (4) how is this the same (or different) as similar problems at the Tevatron
- (5) how can we attempt to recover the original uncertainties; what additional theory work is needed; what can we learn from fixed order Higgs + n jet correlations to help with this 'recovery'
- (6) what studies can be done with existing LHC data to verify the SCET picture, e.g. with $W/Z +$ jets, etc; can we verify the beam thrust $\leftrightarrow p_{T_jetveto}$ connection? Are there connections between Higgs(+ vetoed jets) and W/Z (+vetoed jets) that may allow for a smaller uncertainty for a ratio between the two?