Discussion topics

- How to look for/understand coherence effects?
 - large angle splittings are independent (as expected)
 - How about subjet correlations?
 - How does grooming impact our conclusions?
 - Why are observed modifications so small? Shouldn't coherent energy loss have visible impact?
- Why is groomed jet mass unmodified?
 - Is the real action in the soft stuff groomed away?
- Are fluctuations & background problems for jet pull?
- Why no broadening in γ -jet $\Delta \phi$ correlation? Is the real action at a softer scale?
- Do we have any experimental evidence for different energy loss for q and g jets? Absence or no evidence?

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 - Yes, but it is not pronounced, by looking at pTD, for instance
 - Did we see the difference between gamma-jet and dijet measurements? Slightly differences observed at the core of the jets, but broadening more domaint
 - Need to know fraction of g/q first, model dependent
 - Dijet? In a given range more g jet favored?
 - It's trival to separate q/g, only at LO, at next leading order it is quite different to trace back to q/g

Why no delta-phi broadening

- Down to low pt jets, 10 GeV scale?
- Going to forward range?
- Why is groomed jet mass unmodified?
 There is modification, but small