

## The Electron Ion Collider User Group Meeting



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### Jet Physics at an EIC

*Friday, 8 July 2016 16:05 (25 minutes)*

The systematic study of jet observables at an EIC and their usefulness as a physics probe is still in the early stages. This talk will summarize several ongoing jet studies, including the ability to differentiate jets arising from quarks or from gluons, the particle content of jets with a focus on the necessity of a hadronic calorimeter, and the use of di-jets in  $g_1$  measurements. Future studies will also be discussed.

**Presenter:** PAGE, Brian

**Session Classification:** Jets and Novel Probes (Experiment)