

## The Electron Ion Collider User Group Meeting



Contribution ID: 46

Type: **not specified**

### Jets at medium energies

*Friday, 8 July 2016 15:40 (25 minutes)*

Jet production in electron-proton(ion) scattering at EIC provides an important testing ground for Quantum Chromodynamics. This talk will mostly be focused on low/medium energy jets as the region of most relevance for jets quenching, energy loss and hadronization mechanism. Also a number of interesting studies which could be done with jets, produced in ep(eA) collisions at EIC, will be shown. As will be shown, how adding jets data could help to improve PDF uncertainties (especially for gluons), as well as a determination of the strong coupling.

**Presenter:** FURLETOVA, Yulia

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