



Contribution ID: 60

Type: **Talk in Parallel Session at DIS2013**

Jet production and the inelastic pp cross section at the LHC

Tuesday, 23 April 2013 15:20 (20 minutes)

We suggest that, if current measurements of inclusive jet and leading track production for central rapidities at the LHC are extended to lower transverse momenta, one could define a visible cross section sensitive to the unitarity bound set by the recent determination of the inelastic proton-proton cross section.

Primary authors: KNUTSSON, Albert (University of Antwerp (BE)); GREBENYUK, Anastasia (Deutsches Elektronen-Synchrotron (DE)); HAUTMANN, Francesco (University of Oxford (GB)); JUNG, Hannes (Deutsches Elektronen-Synchrotron (DE)); KATSAS, Panagiotis (Deutsches Elektronen-Synchrotron (DE))

Presenter: GREBENYUK, Anastasia (Deutsches Elektronen-Synchrotron (DE))

Session Classification: WG2: Low x and Diffraction

Track Classification: Small-x, Diffraction and Vector Mesons