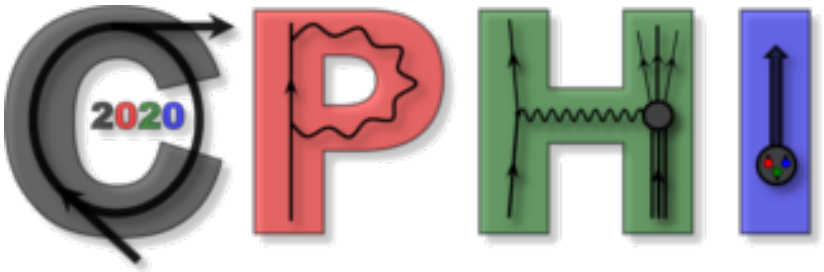

Contribution ID: **25** Type: **not specified**

The transverse single spin asymmetry in photon SIDIS

Wednesday 5 February 2020 14:50 (25 minutes)

The transverse single spin asymmetry of a nucleon is discussed for the semi-inclusive production of photons in lepton-nucleon collisions. Arguments are given that this particular observable is very suitable to study quark-gluon correlation functions in the nucleon. Experimental data, for example taken at a future Electron-Ion Collider, on this observable may help to constrain these correlation functions. In this way one can gain more insight into the origin of transverse single spin asymmetries.

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