

# Hard Probes 2018: International Conference on Hard & Electromagnetic Probes of High-Energy Nuclear Collisions

Contribution ID: 172

Type: **1a) Initial state (TALK)**

## Toward a unified picture of particle production at all $p_T$

*Thursday 4 October 2018 09:00 (20 minutes)*

We describe a new unified formalism which contains both large and small  $x$  gluons in a target proton or nucleus wave function. It generalizes the Color Glass Condensate formalism (appropriate for low  $p_T$  only) and therefore can be applied to particle production in high energy hadronic/nuclear collisions in both small and large transverse momentum regions and all rapidities.

### Summary

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**Session Classification:** Parallel 1