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## Process dependence of the gluon Sivers function in inclusive pp collisions: phenomenology

*Tuesday, 11 September 2018 17:05 (25 minutes)*

Within the so-called color gauge invariant generalized parton model (CGI-GPM), we will discuss how a phenomenological analysis of available SSA data for pion, D meson and J/psi production in pp collisions can be used to put the first constraints on the two universal types of gluon Sivers function. A comparison with the simpler generalized parton model, as well as predictions for SSAs in direct photon production, are also presented.

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