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Title of presentation:
New pole contribution to $P_{h\perp}$ -weighted single-transverse
spin asymmetry in semi-inclusive deep inelastic scattering
Type of presentation: Oral
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abstract:

We discuss a new hard pole contribution to the transverse-momentum-weighted single-transverse spin asymmetry in semi-inclusive deep inelastic scattering. We perform a complete next-to-leading order calculation of the $P_{h\perp}$ -weighted cross section and show that the new hard pole contribution is required in order to obtain the complete evolution equation for the Qiu-Sterman function.