

# TMD shape-functions in SIDIS from octet and singlet pairs

*Wednesday 24 March 2021 10:40 (15 minutes)*

In this talk I will discuss the TMD factorization and shape functions for quarkonium production in direct photo and lepto-production. The leading power contribution from color octets yields a more familiar form for the factorized cross section involving the quarkonium TMD-shape functions. The singlet contribution, which can be enhanced due to relative velocity power-counting, involves subleading operators and results in an intriguing “factorized” expression.

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**Session Classification:** Day 3 (mostly Spin/TMDs)

**Track Classification:** Reactions with polarisation & tools for TMD functions, spin asymmetries,...