ROUND TABLE

Quarkonia as Tools to access/learn on gluon (and quark) TMDs
Spin-kT effects
• TMD factorization for quarkonia production (breaking effects for color singlet/octet states) (Makris,...)

• TMD shape functions, LDMEs (within a TMD scheme at low pT?), their universality: impact on gluon/quark TMD phenomenology

• Matching TMD with collinear scheme (shape functions?) (Taels)

• TMD vs kT factorization vs parton branching (Bertone, Boussoire)

• unpolarized x-secs and transverse spin asymmetries; which processes are safe(r)? Phenomenology?

• Experiment: hh Fixed target (Massacrier talk) vs ep collider [EIC] (Qiu)

• quarkonia polarization: help from TMDs?