

Conveners: Charlotte Van Hulse (U Alcala),

Stefan Diehl (JLU Giessen and UConn)

Wiki of the SIDIS PWG: https://wiki.bnl.gov/EPIC/index.php?title=SIDIS

PWG meetings: Tuesday 2.30 pm (~ every 2 weeks)

Regular meetings are planned to restart

on October 10th!



Prioritized list of tasks:

Monitoring plots (priority):

- resolution (and acceptance) plots for SIDIS variables: z, PhT, phi, phis

Software implementations and monitoring:

- cross work with the PID related detectors: implementation of a realistic PID so that we can use it in the analysis instead of the true PIDs
- Implementation of a PID monitoring after the last point is done (e/pi and pi/K sepration as a function of the kinematic variables)

Analysis related tasks:

- study of radiative effects via DJANGOH
- -new analyses: high P_{hT} hadrons (sensitive to saturation, gluons Sivers, ...)
- a) feasibility of the reconstruction of quarkonium, J/psi to start with, in SIDIS via e+e- and mu+mu
 - b) if feasible, simulation and reconstruction of various SIDIS processes with quarkonia so that we get information on gluon TMD PDFs, which at present are not known.