

Haixin first showed the current job list on hardware, software and data analysis for AGS polarized proton operation. On the top of the hardware list is to put polarized proton quads in series with vertical tune quads. This will allow us to run both betatron tunes close to 9 (Nick's MAD calculation for this solution is on the spin meeting website, though it was not presented today). On the software upgrade list, the important items are dipole corrector control and ps compare. On the data analysis front, there are four major items: AGS online model, Orbit response matrix (ORM), Spin tracking with realistic lattice and emittance growth. Since we may face situation to run pp first in October, we need to define our scope and schedule for these analysis. Thomas asked to get some results from ORM as soon as possible, which is crucial to our understanding of the AGS lattice and is also related to spin tracking.

Nick presented an idea to measure beta function at the locations of IPM. It turns out that the kick from electric field is in the other transverse plane and does not provide the needed information.

Haixin