Outline

• Shifts – many during weekend – motivated team
  • Many of them are students and not main task
  • Split the shifts up in some groups to explain what they were for (not every individual shift)
    • 4 different optics
    • Beta-beat of the nominal cycle + coupling
    • Nonlinear corrections

• The most ambitious start in terms of beta* and ATS factor
  • Somewhat chronological order: Local corrections – change in beta-beat – compensation for that – understanding the reason (dE) – global corrections – waist shift correction
  • Main messages:
    • Machine well corrected in terms of beta-beat, dispersion and equal luminosity to IP1 and IP5
    • Experience from Run 2 and MDs crucial to find correction (orbit bump, waist shift)