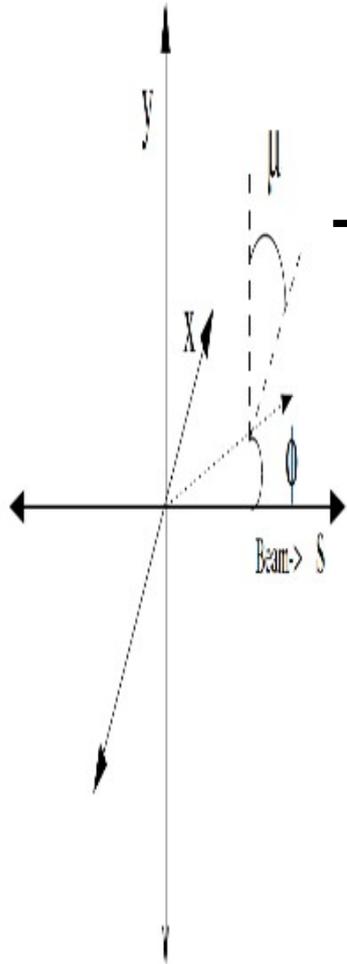




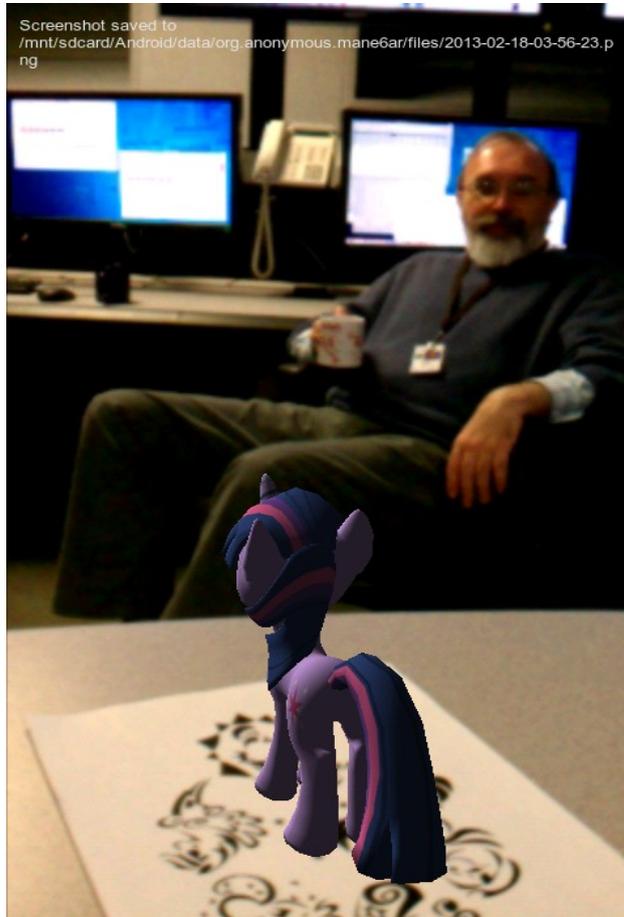
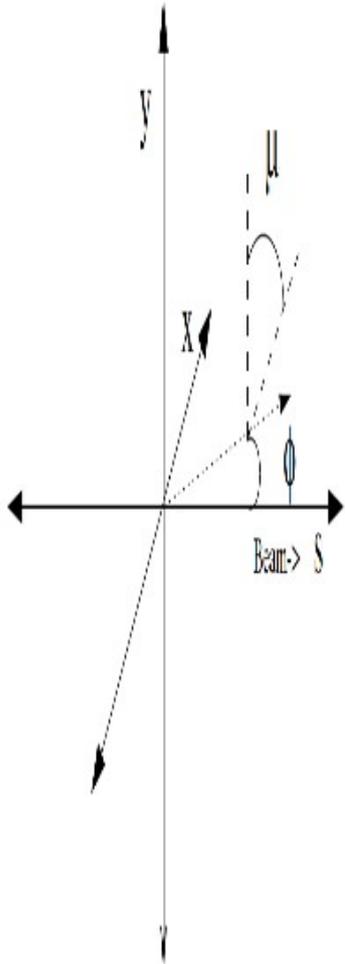
$$\frac{d\vec{S}}{dt} = \frac{e}{\gamma m} \vec{S} \times \left( (1 + G\gamma)\vec{B}_\perp + (1 + G)\vec{B}_\parallel + \left(G\gamma + \frac{\gamma}{\gamma + 1}\right) \frac{\vec{E} \times \vec{\beta}}{c} \right) = \text{♥}$$



Time Meeting RHIC FY13 PP RUN



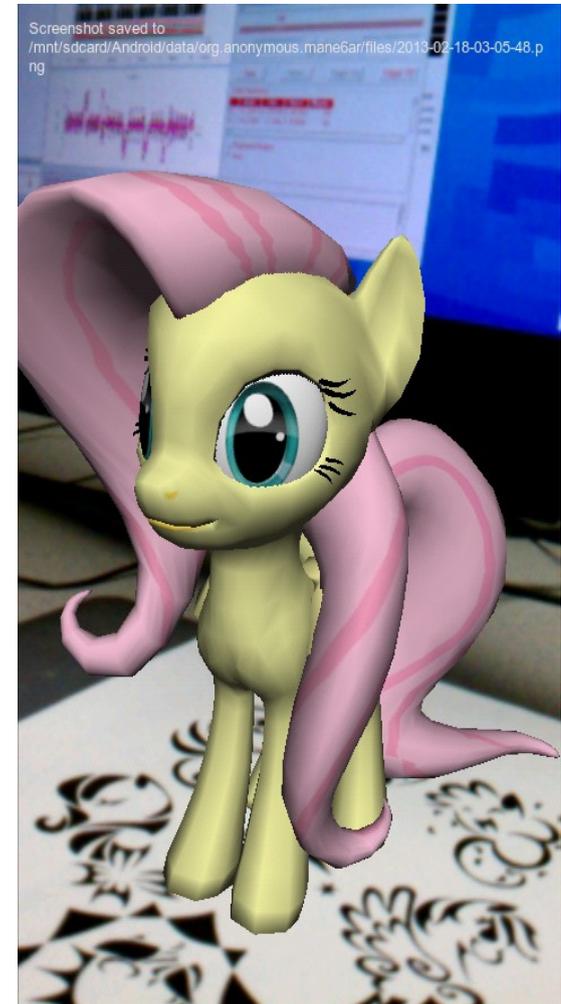
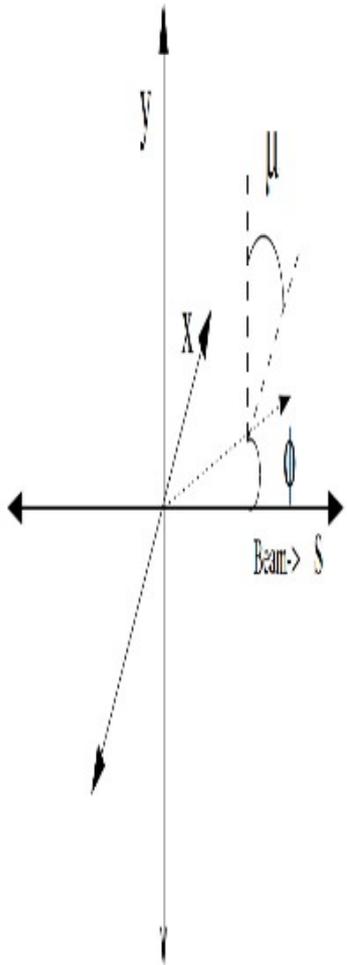
$$\frac{d\vec{S}}{dt} = \frac{e}{\gamma m} \vec{S} \times \left( (1 + G\gamma)\vec{B}_{\perp} + (1 + G)\vec{B}_{\parallel} + \left(G\gamma + \frac{\gamma}{\gamma + 1}\right) \frac{\vec{E} \times \vec{\beta}}{c} \right) = \text{♥}$$



Flutter-Shy and Twilight Sparkle have paid Us a visit!



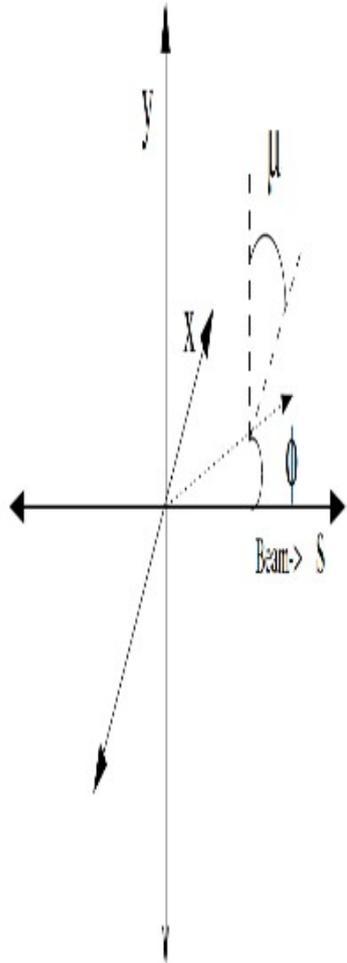
$$\frac{d\vec{S}}{dt} = \frac{e}{\gamma m} \vec{S} \times \left( (1 + G\gamma)\vec{B}_\perp + (1 + G)\vec{B}_\parallel + \left(G\gamma + \frac{\gamma}{\gamma + 1}\right) \frac{\vec{E} \times \vec{\beta}}{c} \right) = \heartsuit$$





$$\frac{d\vec{S}}{dt} = \frac{e}{\gamma m} \vec{S} \times \left( (1 + G\gamma)\vec{B}_\perp + (1 + G)\vec{B}_\parallel + \left(G\gamma + \frac{\gamma}{\gamma+1}\right) \frac{\vec{E} \times \vec{\beta}}{c} \right) = \text{♥}$$

• RHIC Start Up Status:



- Bunched Beam circulating in both blue and Yellow with snakes using FY12 pp lattice.
- Instrumentation checking out systems
  - Feedback orbit and tune
- Power Supply work continues:
  - After phase shifter work is done can we can switch to new e-lens lattice ~ Thursday?
- So Far we are pretty much on Schedule not too many glitches
  - Bad quad in ATR and bad BPMs used for injection made Blue injection problematic