K short update

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K_S^0 TSSA in sPHENIX

- Transverse single spin asymmetry (TSSA) measures the left-right asymmetry of produced particle yields in $p^{\uparrow} + p$ collisions
- K_S^0 analysis in sPHENIX:
  - High signal-to-background ratio
  - Large amount of K_S^0 candidates
- This will be the first K_S^0 TSSA study!
  - Provides strangeness perspective on proton structure
  - Bridges the gap between π^0, η TSSA measurement and potential TSSA of other hadrons



