Possible ST40 Collaboration Topics – SOL separate

- Startup (including non-inductive, CHI?, ECH)
- Control – already discussed with Dan and Devon
- Macrostability
  - Error field detection/mitigation
  - Disruption detection
- Confinement and local transport
  - Application of TRANSP
- L-H transition physics: help set scaling for ST
  - Power thresholds at high field, small surface area, high density
  - Boundary physics
- Fast ion physics – ST40 will be "Alfvénic"
  - Diagnostic opportunities (ssNPA)?
- Wall conditioning – lithium
- Other diagnostics opportunities
  - Fast cameras ??