

SOL and Divertor Physics



- **Key physics areas to study**
 - Characterization of and transport in SOL
 - Bohm vs pressure gradient induced transport across SOL
 - Kinetic effects in SOL (large mirror ratio)
- **Divertor power handling techniques crucial to proving the ST principle**
 - High P/A, P/R
 - SN operations for CHI
- **Test and utilize methods for heat flux amelioration**
 - Divertor sweeping
 - Divertor pumping
 - Radiative/detached divertor operation