SOL width measurement and modeling

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- Key physics goals:
 - Clarify the role of edge turbulence vs. neoclassical effects in setting the SOL power width. What are the regimes? How can we broaden the SOL?
 - How (and why) does Li affect edge/SOL turbulence and the SOL width?
 - How are blobs and edge flows related? (blob generation, zonal flow generation) How does this fundamental physics affect PFC wear/damage, recycling, L-H transition, density limit?
- Needed diagnostics for comparison of simulations with data
 - GPI, blob tracking
 - probes, BES, and other edge/SOL fluctuation diagnostics
 - high spatial and temporal resolution E_r and flows in edge/SOL
 - divertor plasma conditions (n_e , T_e , Φ)
 - sources, sinks and dissipation