

Summary: The interplay between divertor drift flows and geometry plays important roles on the divertor dissipation

- DIII-D SAS divertor provides a good testbed for physics study and exploration of divertor solution
- Drift offsets the geometry effects to either enhance or reduce the anticipated geometric effects
 - SOLPS-ITER with full drift reproduces the trends observed in experiments for both plasmas and recycling neutrals
 - Drift is comparable to geometry effect on recycling flux and neutrals
- Both modeling and exp. found Geometry+drift could alter the trajectory of divertor dissipation
 - Including T_e bifurcation and J_{sat} reduction

