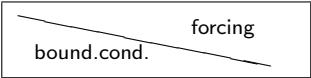


Experimental turb. levels & transport barrier onset in edge requires turb. spreading & plasma-wall interaction

	Gradient-driven → scale separation → spreading limited	Flux-driven → NO scale separation → spreading allowed
Poloidally-uniform	large transport shortfall	shortfall
Limiters (poloidally-localised) → simple SOL → plasma-wall interaction	—	no shortfall

Base state [ToreSupra #45511]: edge is linearly stable

... messages from GK computations:

GYSELA

① plasma-wall interaction → new free energy source

↳ turbulence activity at LCFS

② possibility for turb. propagation ('spreading')

core → edge/SOL ≡ important

edge → core ≡ **KEY** to fluct. levels in edge

[Dif-Pradalier et al., under review 2021]

