

# Multiple Overlapping Alfvén Eigenmodes Induce Critical Gradient Transport of Energetic Particles

- Experiments show EP transport becomes stiff when AEs cause EP orbits to become stochastic
  - Threshold and stiffness vary as altered beam deposition shifts resonances to different portions of phase-space
  - EP profiles are clamped and losses become intermittent above threshold

**AE-induced transport can be manipulated by careful tailoring of the EP distribution function and plasma profiles.**

