

- New XP: Investigate bimodal low-k turbulence
  - **Bimodal turbulence**: two modes with different frequencies and correlation lengths
  - 2010 BES measurements show evidence for bimodal low-k turbulence in certain discharges
- XP-1070: ETG isotropy
  - 2010 results
    - Initial discharges with high  $k_\theta/k_r$  **show clear ETG features** in all high-k channels
    - Discharge reproducibility degraded with time due to no LITER between shots
    - Negligible Doppler shift in low  $k_\theta/k_r$  configuration hindered identification of ETG feature
  - 2011 follow-up proposal
    - Require between-shot LITER for reproducibility
    - Redesign low  $k_\theta/k_r$  configuration to provide finite Doppler shift for ETG identification