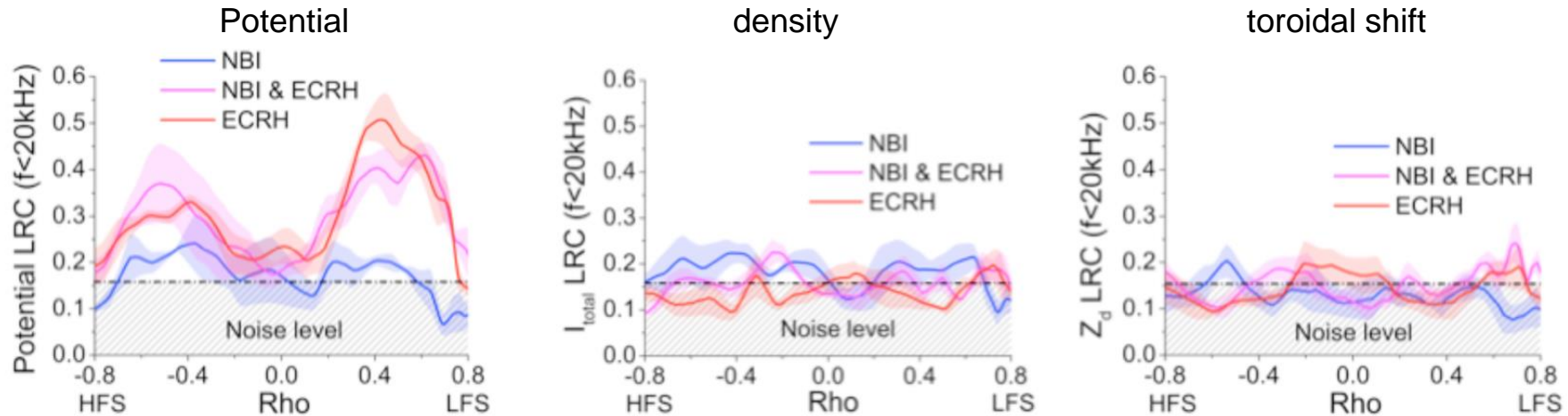


Electromagnetic Long Range Correlations measured by a Dual HIBP system in the TJ-II stellarator



HIBP-I sweeping mode
HIBP-2 fixed position ($\rho \approx 0.6$)



Experiments with combined NBI and ECR heating have shown evidence of the influence of ECRH on the level of broad-band plasma fluctuations and Long-Range-Correlations (LRC):

- ✓ Increasing the level of fluctuation in the whole plasma cross-section
- ✓ Increasing the amplitude of LRC (as proxy of ZFs) for potential fluctuations but not for density and magnetic fluctuations