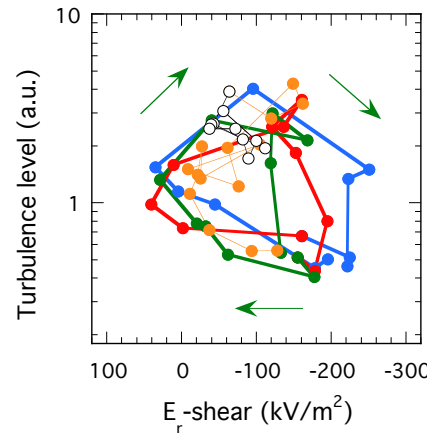
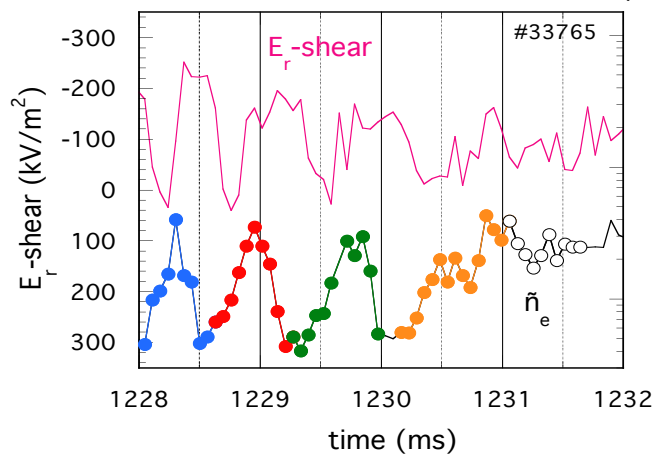
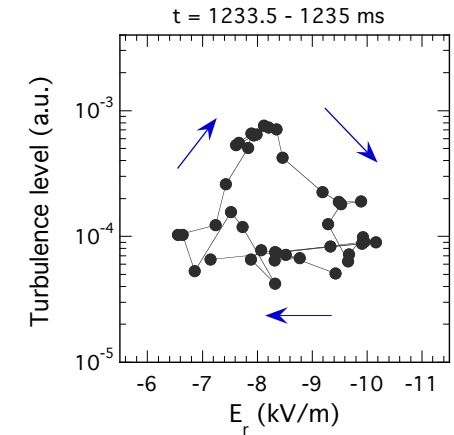
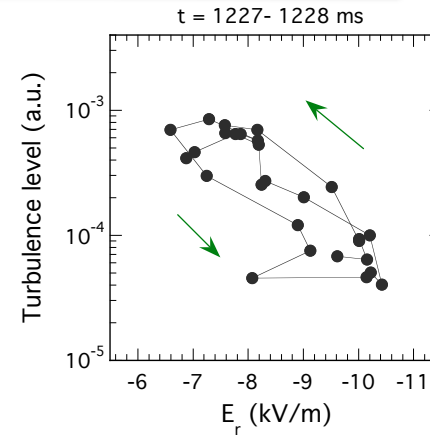
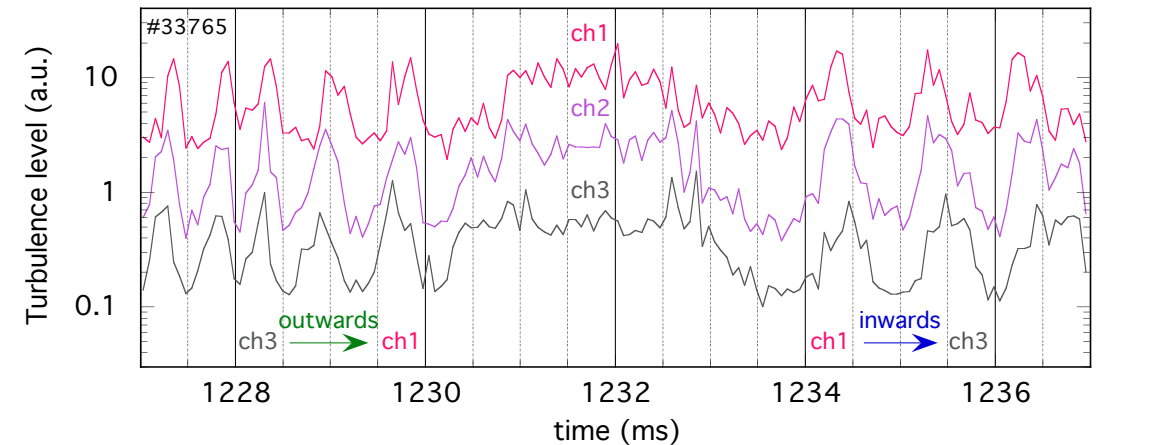
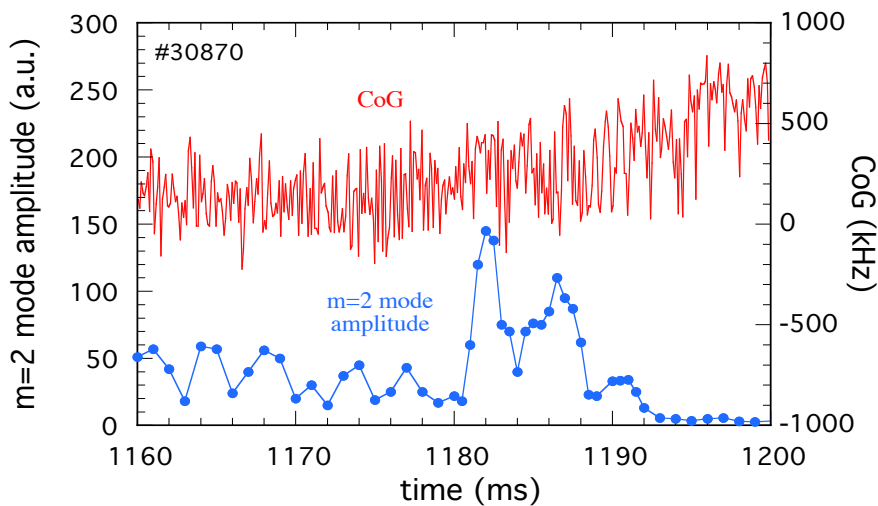




LCO shows different **temporal ordering** depending on the radial propagation direction of the turbulence-flow front

However, in all cases **the turbulence** leads the process giving rise to an increase in the **ExB flow shear**.



A pronounced increase in the amplitude of the MHD mode linked to the 3/2 rational surface together with a modulation in the ExB flow are observed several milliseconds before the LCO onset

The results point to the **interplay** between the **MHD** mode and the **ExB** flow as a **precursor for the LCO onset** at the L-I-H transition