

Turbulence radial spreading controlled by edge radial electric fields has been experimentally identified during the electron-ion root transition and edge biasing [Grenfell NF-2019 / NF-2020].





Predicted **poloidal asymmetries in radial electric field** (E_r) are comparable to those found in the **experiments** [Doppler reflectometry] [Estrada et al., NF-2019; Sanchez et al., NF-2019]

Edge Zonal Flows are strongly affected by plasma heating, ion mass and proximity to the density limit

[Kobayashi et al., et al., NF-2019; Losada et al., PPCF-2021; Fernández-Ruiz et al., NF-2021]