Results from contribution TH/P2-1

Transport induced by EGAMs analysed with GYSELA and a recently developed test gyro-centre tracking code

- Energetic Geodesic Acoustic Modes (EGAM) axisymmetric modes, but can impact transport

- Even if the electrostatic potential is not turbulent, EGAMs (n=0) can lead to a chaotic regime → Strong interaction between (electrostatic) EGAM island and (magnetic) trapping cone

- Two classes of EGAM-losses are observed: linearly-enhanced prompt losses & nonlinearly induced losses.