Anomalous and Neoclassical Transport of Hydrogen Isotope and Impurity Ions in LHD Plasmas

- **Isotope effect on TEM turbulence in LHD**
  Transport reduction is clearly identified in D-plasma, where ZF enhancement is revealed, as well as linear TEM stabilization.

- **Impurity transport in LHD**
  For high-Ti LHD plasma with impurity hole, neoclassical particle fluxes can be balanced with anomalous fluxes, where neoclassical flux of impurity carbon is quite small and is sensitive to radial electric field.