

- Joint experiment -

1. Effect of ECH/ECCD on AE (for control of AE)

- ✓ Joint paper “Suppression of fast-ion-driven MHD instabilities by ECH/ECCD in stellators/heliotrons” by S. Yamamoto, K. Nagasaki, Á. Cappa, K. Nagaoka et. al., to be submit to PPCF as selected paper of ISHW2017. (deadline: Dec. 20)
- ✓ Link to ITPA (EP-12:Identification of AE control actuators and preliminary assessment for ITER, chairperson: Á. Cappa)
- ✓ Remaining work: ECCD → modeling, detailed N_{\parallel} scan in LHD.

2. Anomalous transport of EP by MHD instabilities.

- ✓ Recently, lost ion probe are operated and planned in several devices.
- ✓ LHD : pioneer (Ogawa), and neutron measurements
- ✓ TJ-II : additional LIP will be planned (Ascasíbar & García-Muñoz?)
- ✓ Heliotron J : (F/S)LIPs are operating (Yamamoto)