

(5th) AE/Energetic particles session

12th

CWGM@Padova

S. Yamamoto

- Joint experiment -

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

- ✓ TJ-II : Effect of ECCD?, To clarify the mechanism.
- ✓ Heliotron J : Effect of ECH, Targeting on GAE
- ✓ LHD : Ascasíbar will join LHD exp (Nov.) ECH and/or ECCD?
- ✓ Joint paper “Effect of ECH/ECCD on helical plasma” by Yamamoto, Ascasíbar and Nagaoka et. al., to be submit to PPCF.
- ✓ Link to ITPA? (EP-7: ECH effect on AE. Next ITPA-EP to be held at CIEMAT on next April)

2. Anomalous transport of EP by MHD instabilities.

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