

# P. Piovesan *et al.* “Role of MHD dynamo in the formation of 3D equilibria in fusion plasmas” EX/1-1

- Anomalous current redistribution by benign MHD modes enables steady-state high- $\beta$  hybrid tokamak operation [1]
- The MHD dynamo model, initially developed for helical RFP [2], predicts current redistribution consistent with DIII-D experiments
- Validation of the MHD dynamo model in multiple experiments is an ongoing effort, crucial to extrapolate hybrid operation to ITER

