

EX/P8-39

Development of a Real-time Simulation Tool towards Self-consistent Scenario of Plasma Start-up and Sustainment on Helical Fusion Reactor FFHR-d1

by Takuya GOTO *et al.*, (NIFS, Japan)

Self-consistent operation point

- Sufficiently low **neo-classical energy loss** considering anomalous transport
- **MHD equilibrium/stability** confirmed in LHD exp.
- Sufficiently low **bootstrap current**



