

# Confinement Control with Non-axisymmetric Fields can be used to Control the Stored Energy

PPC/P2-33

- $n=3$  non-axisymmetric fields can affect plasma confinement.
- Feedback control of stored energy and pedestal density demonstrated on DIII-D with non-axisymmetric fields and gas puffing.
- Non-axisymmetric fields can be used as an actuator to control fusion power excursions in a burning plasma.

