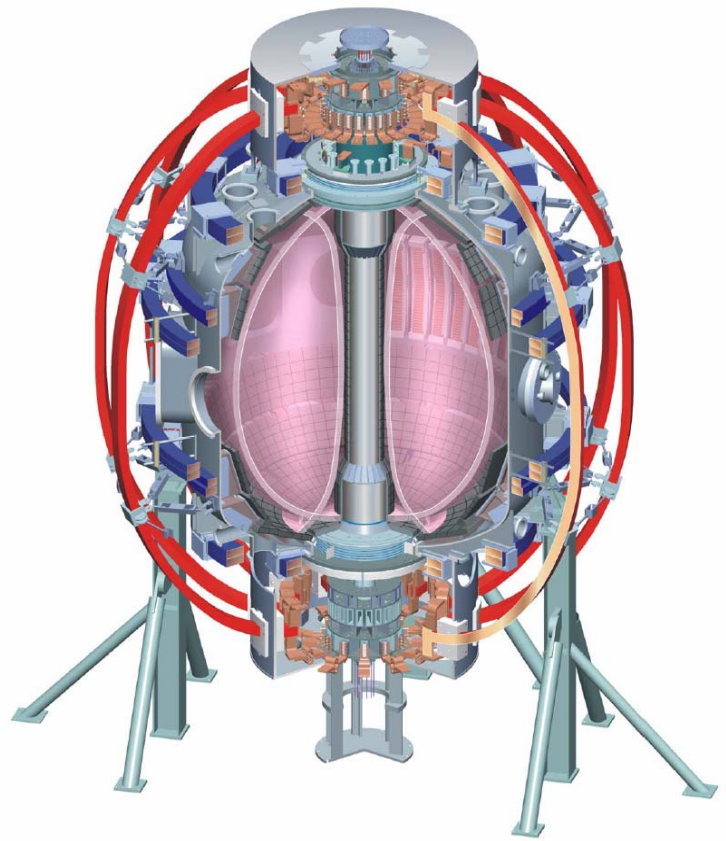

XP 829 - Magnetic shear effects on transport

Presented by H.Yuh

NOVA PHOTONICS

May 19, 2008

NSTX Monday Physics Meeting

Achieved higher performance shots

Create high T_e, T_i, and v_ϕ gradients ITB discharges using NBI and RF heating in reversed shear discharges

2 MW Single source
1.8 MW RF heating
$T_e = T_i = 3keV$

AND

2 MW Single source
1.8 MW RF heating
Te = 3.8 keV
Ti = 2 keV

High-k locations at 120cm and 124cm

Diagnostic summary