Disruption Mitigation: New Insights From NIMROD Modeling of 1- and 2-Jet Massive Gas Injection on DIII-D

Recent experiments verify:

- **Phase of n=1 mode during thermal quench affects radiation peaking**

NIMROD also predicts:

- **Impurities injected off-midplane spread asymmetrically along field lines**
- **Relative location of 2 gas jets with respect to field line pitch affects radiation asymmetry**

NIMROD does not find unacceptably high peaking factors for DIII-D or ITER