

Moderated Open Discussion Session - Topics

- ❑ **NSTX-U / KSTAR synergistic research**
 - ❑ Synergistic topics discussed in MHD, transport, ELM stability physics – some active collaboration programs already exist
 - ❑ Disruption prediction and avoidance brought up specifically in talks + discussion (parallel program in NSTX-U)
- ❑ **Theory and Modeling**
 - ❑ Many analysis techniques/codes being used (for MHD stability (linear/non-linear, NTV, RF, ELM stability)
 - ❑ Thoughts for further theory/modeling needs?
- ❑ **H-mode and ELM Control**
 - ❑ Active program, diagnostics more reliable in 2 years, needed for confidence in analysis
 - ❑ What are further needs that collaboration can support?
- ❑ **Transport and RF**
 - ❑ Optimization of heat loads mentioned – what are PMI plans for KSTAR?
 - ❑ Kinetic pedestal profile evolution during L-H transition (both experiment and analysis)
 - ❑ Intrinsic rotation; V_ϕ reversal in OH plasmas, theory to explain core V_ϕ damping by ECH
- ❑ **MHD stability and control**
- ❑ **Further topics**