Fast ITER-relevant low-disruptivity rampdowns in DIII-D and EAST

- **ITER, CFETR need reliable, low-disruptivity rampdown solutions for both normal and emergency shutdown**
  - Rampdown is an especially dynamic phase of operation
- **Experiments on DIII-D and EAST surveyed, developed low-disruptivity rampdown techniques**
  - Systematically vary I_p ramp-rate, injected power, shape
- **Emergency shutdown of ITER Baseline Scenario after detected locked mode demonstrated**
  - Only 2 successful cases: use transition to limited topology