DIII-D Experiments Confirm ITER Prediction that ELM Control Possible with Reduced Coil Set

- RMP ELM suppression was demonstrated with a reduced perturbation coil set on DIII-D
  - Robust ELM suppression achieved with as few as 5 (out of 12) I-coils
  - Good plasma confinement, controlled plasma density maintained
  - Perturbation coil current needed for ELM suppression similar for $N_{\text{coils}} > 7$
    - Suggests toroidal spectral sidebands may assist in achieving ELM suppression