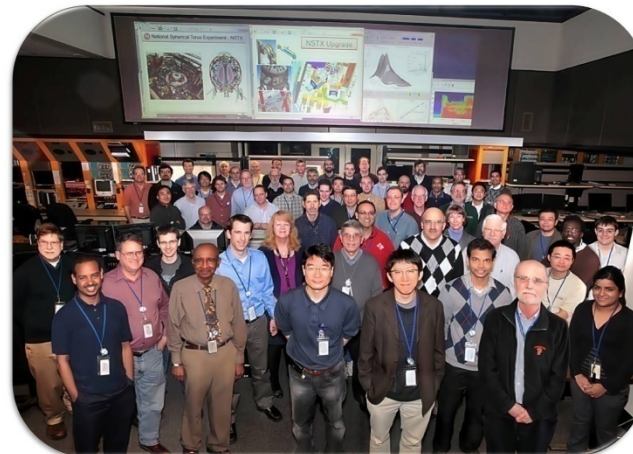
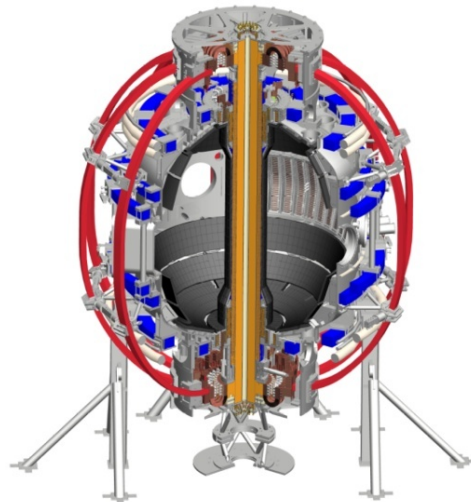


Response to PAC-35 Comments on NSTX-U EP Research in FY14-16

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PPPL - B318
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Response to recommendations for EP research

- The PAC suggests that higher priority should be placed on demonstrating and evaluating AE control tools over characterization of AE modes.
 - > Partially agree, since mode characterization (e.g. drive/damping mechanisms) is crucial to understand AE control tools and extrapolate results to different scenarios.
 - > Progress in theory (improved equilibrium w/ EP, rotation, eigenmode solvers) expected to assist in characterization
- A second recommendation is to measure fast ion losses associated with 3D fields.
 - > Agree.
- We also recommend that a clear plan for experiments using the AE antenna in FY15–16 be developed and presented to the PAC at the next meeting.
 - > Agree, a clear plan for exploitation of the AE antenna system will be presented at the next PAC.

- | |
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| <ul style="list-style-type: none">• PAC comment> Response to PAC |
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