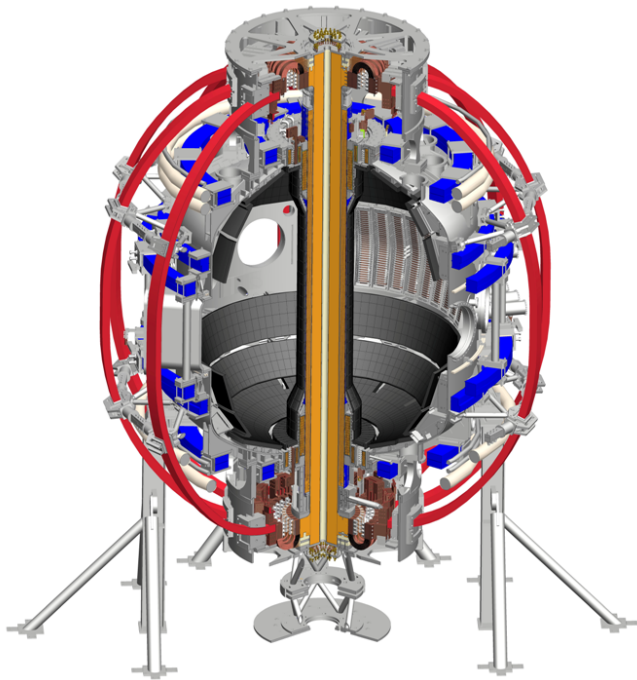




Can non-optimal HHFW operation provide tunable SOL heating?



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SOL heating by HHFW losses may reduce pedestal gradients and improve pedestal stability

- Experimental plan: HHFW power scans with SOL heating
 - Explore HHFW mode and frequency scans
 - Document temperatures and turbulent dynamics (2D BES) in the pedestal and SOL during
- If successful, HHFW operation can provide a new tool for manipulating pedestal stability and SOL collisionality
- Addresses R16-3 for fast-wave SOL losses; 5 yr priority for ST regimes at reduced ν .