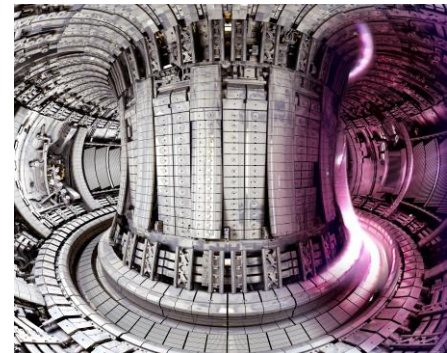




# Fusion Energy

## Research Topics

- Fusion reactor physics
  - Models of plasma transport in fusion experiments
  - Models of plasma off-normal events
  - Alpha particle collective effects
- Diagnostics for fusion reactors
  - Design of diagnostics in nuclear environment;
  - Qualification test for ITER diagnostic components
- System codes for fusion reactor design
- System studies on the integration of different energy technologies in the electric system



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