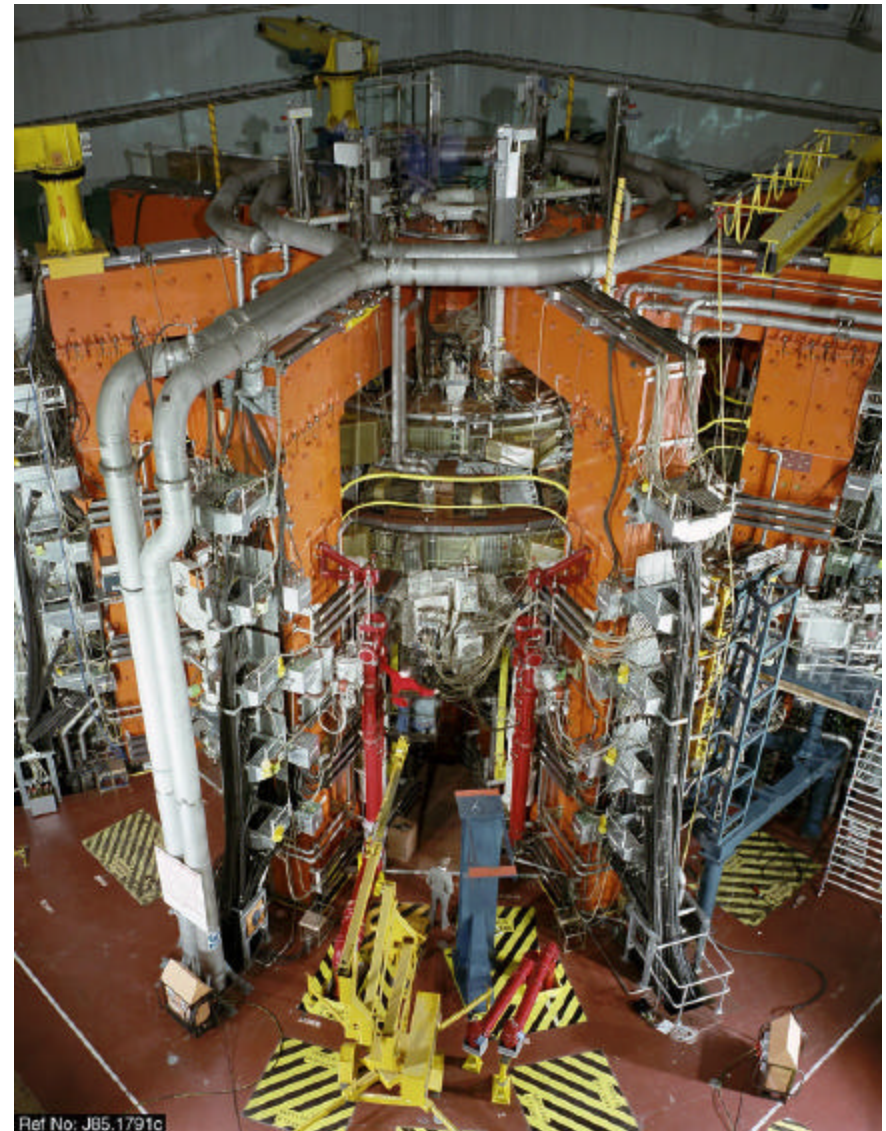
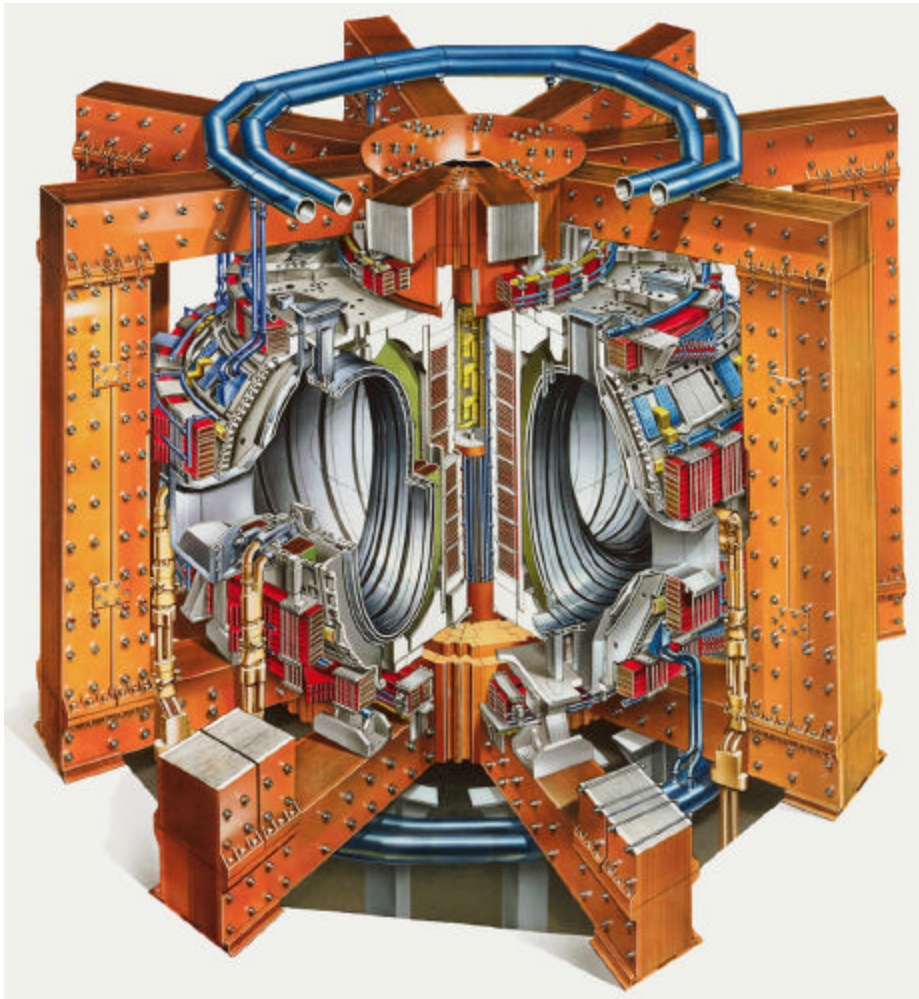
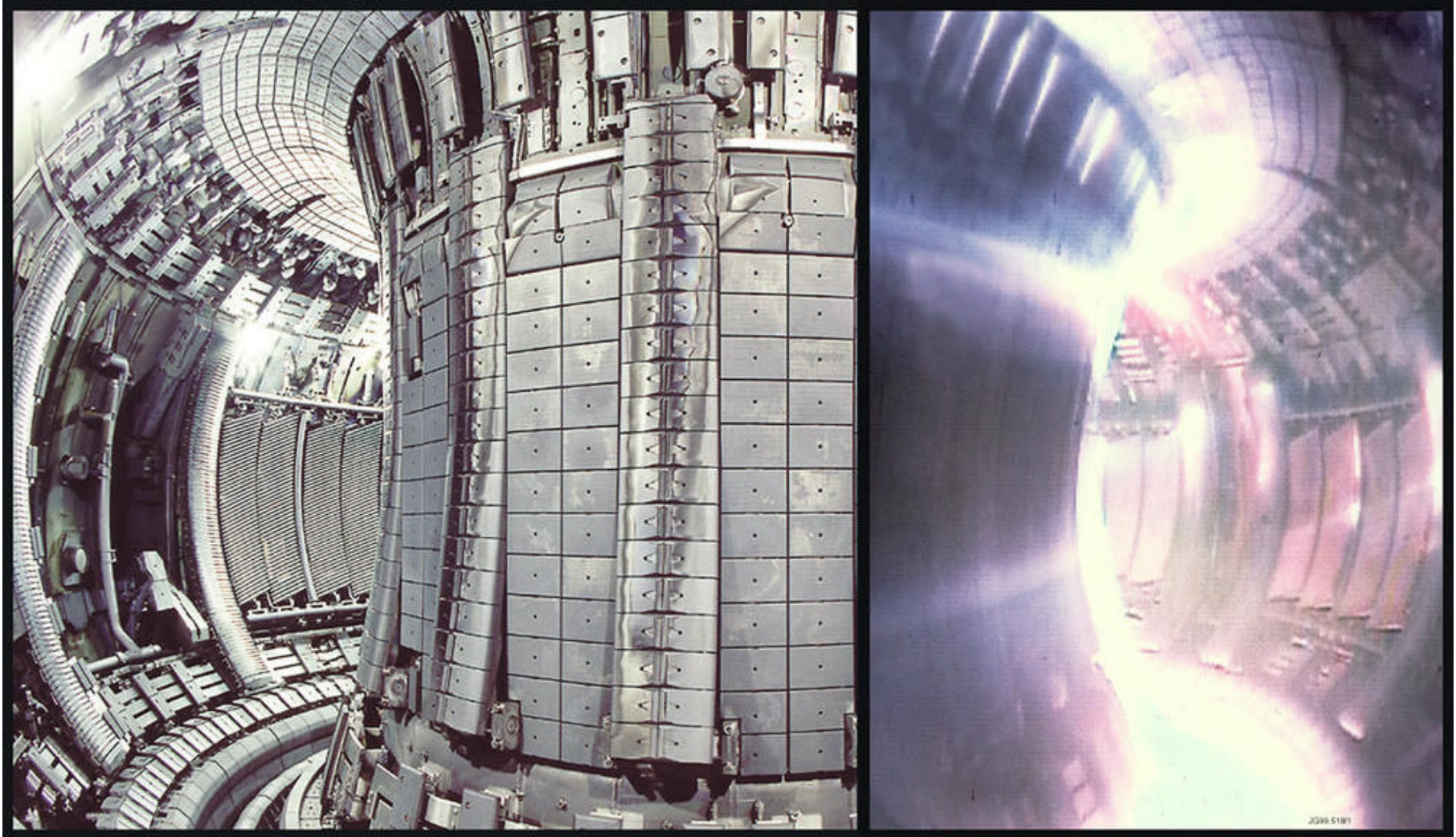




Joint European Torus (JET) Culham, England

- Water-cooled copper tokamak
- World's largest fusion device







Superconducting Tokamaks

Existing

- *T-7 (Russia)*
- Triam (Japan)
- *T-15 (Russia)*
- Tore-Supra (France)

Planned

- TPX (US) - *canceled*
- ITER (Japan, Russia, European Union, Canada)
- JT-60 Super Upgrade (Japan)

Under Construction

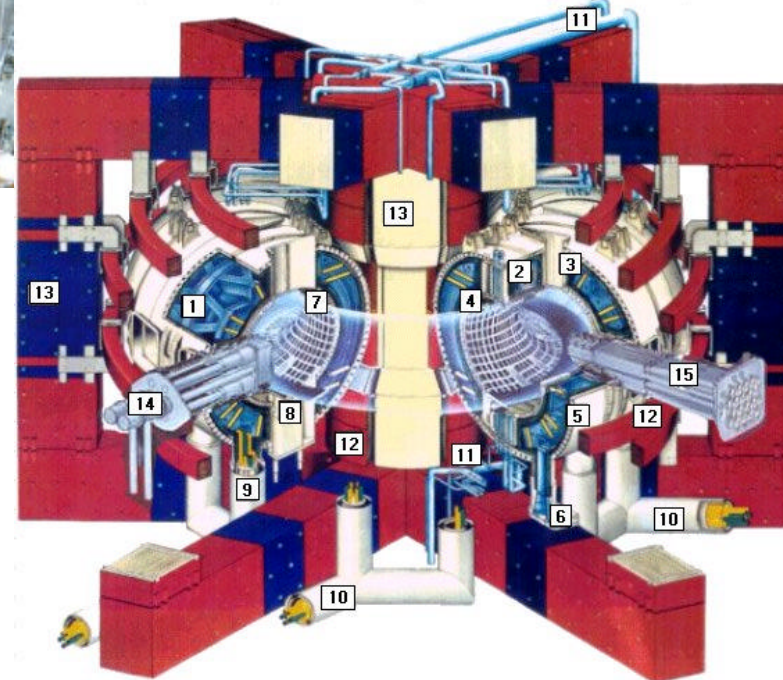
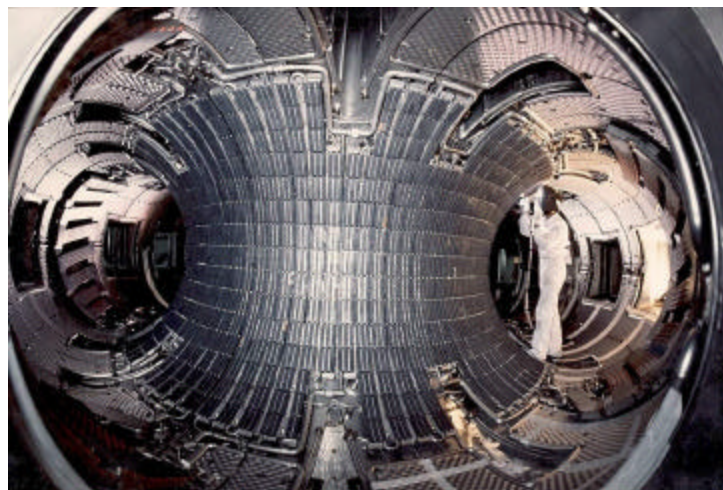
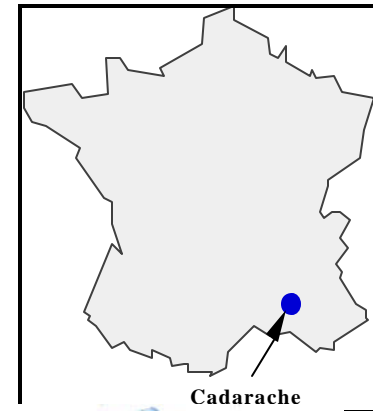
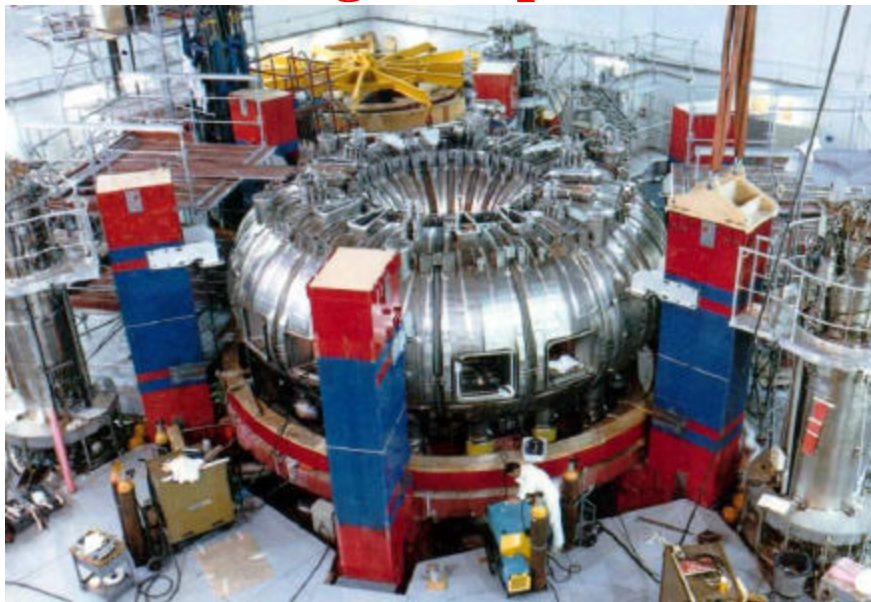
- SST-1 (India)
- K-Star (South Korea)
- HT-7U (People's Republic of China)



Tore Supra

CEA de Cadarache, France

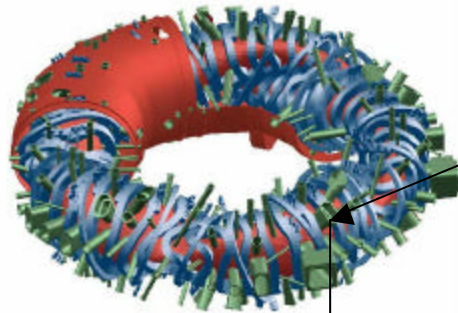
The largest superconducting device operating at 1.8 K



J.V. Minervini, ANS-NE Meeting, April 18, 2002



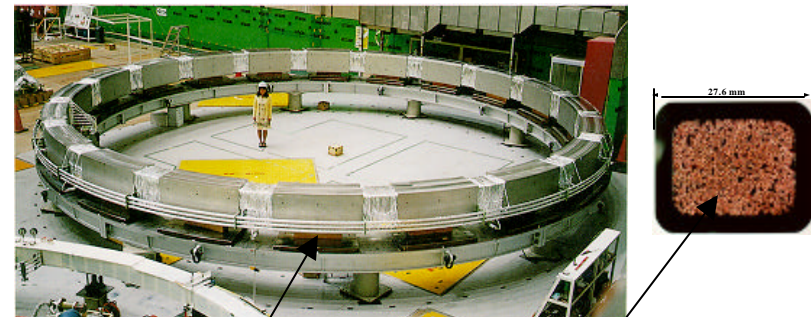
The International Fusion Magnet Technology Community is Focused on Superconducting Machines



Wendelstein Stellarator is under construction in Germany
(NbTi Superconductor in Aluminum CICC)



Large Helical Device (LHD) is in Operation in Japan



PF Coil and NbTi Cable-in-Conduit Conductor