



- **Liquid Metal Limiters**
Liquid tin limiter
- **Runaway Electrons**
RE control and mitigation
Plasma waves excitation by REs
- **Tearing Modes**
TM stabilization by pellet injection
TM stabilization by EC sweeping
MHD limit cycles
- **Impurity injection**
W LBO injection and transport
Yttrium spectral identification
Maximum peaking by impurity injection
- **Early EC injection**
EC assisted start-up
High temperature plasmas
- **Scattering radiometric system**
Parametric Decay Instabilities and CTS studies
Electron Bernstein Waves detection
- **Diagnostics**
Laser induced Breakdown Spectroscopy
Runaway Electron Imaging Spectroscopy
UV and SXR diamond detectors
High resolution saddle coil array