

LiRTSG Topics

1. Use of Li (as a plasma facing material) to:
 - Control core plasma deuterium & impurity content,
 - Increase heat load / pulse length handling.
2. Effects of Li on core plasma transport & ELMs.
3. Study of plasma-material interactions and / or near-surface plasma behavior.
4. Development of viable PFC concepts for FNSF, DEMO, & other future devices,
 - Including flowing liquid metal (Li or otherwise) systems.
5. Quantification of Li related effects:
 - Amount of radiation in divertor & SOL,
 - Impact on character of disruptions.