

Alcator C-Mod Experiments Explore ITER-Relevant Core/Pedestal High-Z Transport

- high-Z transport impacted by core particle, momentum sources
 - fueling peaks n_e profile, enhances neoclassical pinch
 - torque increases centrifugal effects, modifying neo. transp.
- impact of ICRF-only on core W studied in C-Mod EDA H-modes
 - peaking of SXR emissivity changes with P_{RF}/n_{min}
 - differences observed between LFS and HFS off-axis heating (right)
- new approach to pedestal impurity transport demonstrated

