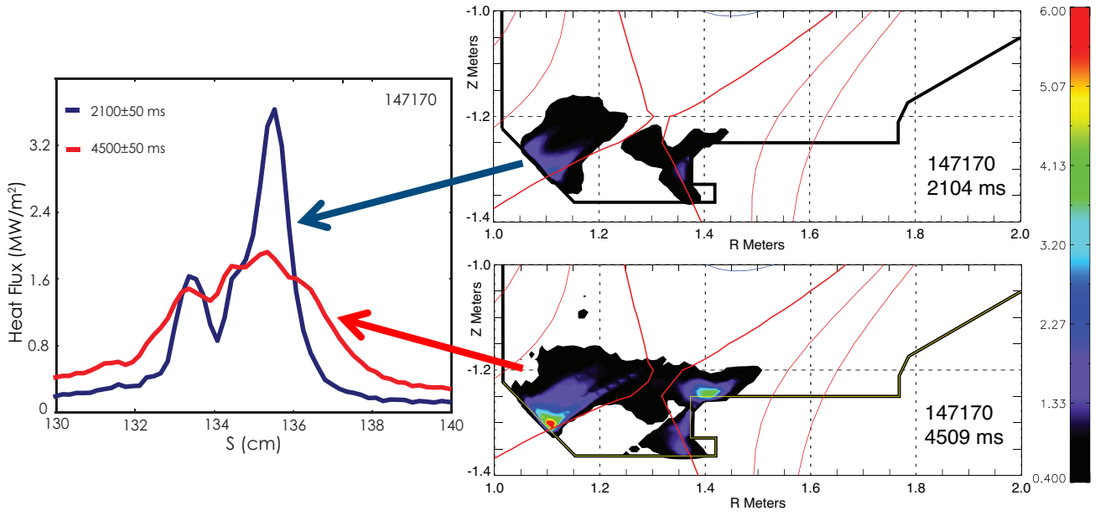
Recent Progress in Understanding Divertor Heat Flux in DIII-D RMP ELM Suppression Discharges Is Encouraging for ITER

D. M. Orlov, et al. EX/P6-17

- **Lack of divertor heat flux striations at inner strike point is compatible with tightly baffled ITER divertor**
  - Increased volumetric carbon radiation in the inner divertor reduces peak, fills in valleys, and smooths out heat flux striations.



- **Demonstration of compatibility of RMP ELM suppression with impurity injection bodes well for highly radiating boundary in ITER**
  - Ne and Ar injection → 60% radiated power and $0.1 < \nu_e^* < 1.1$ while maintaining RMP ELM suppression