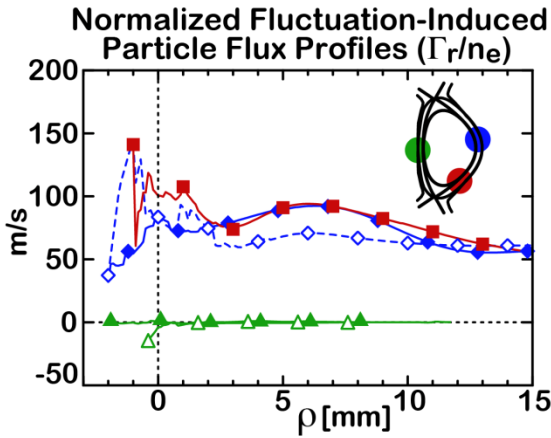


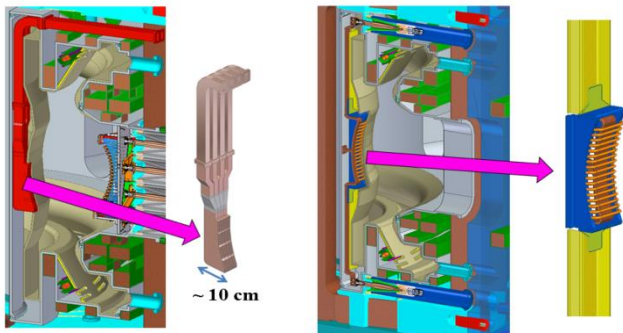
Novel Reactor Relevant RF Actuator Schemes for the Lower Hybrid and the Ion Cyclotron Range of Frequencies

P. T. Bonoli¹ *et al*, Paper TH/5-1 (PFSC-MIT, Cambridge, MA 02139 USA)

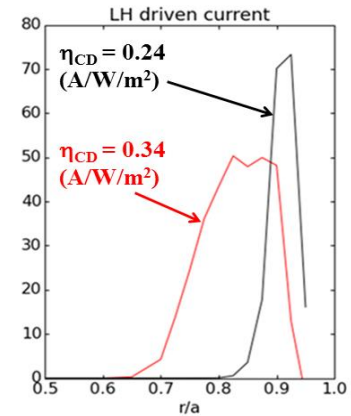
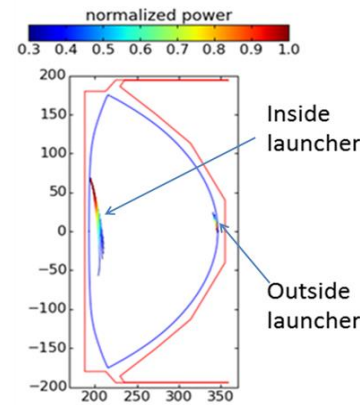
Quiescent SOL on the high field side tokamak is attractive for RF Actuators



Reduces PMI and improves coupling of antennas



Higher B improves core LHRF wave penetration in burning plasmas (FDF)



Enables direct ICRF mode conversion to IBW to efficiently heat electrons and ions (ADX)

