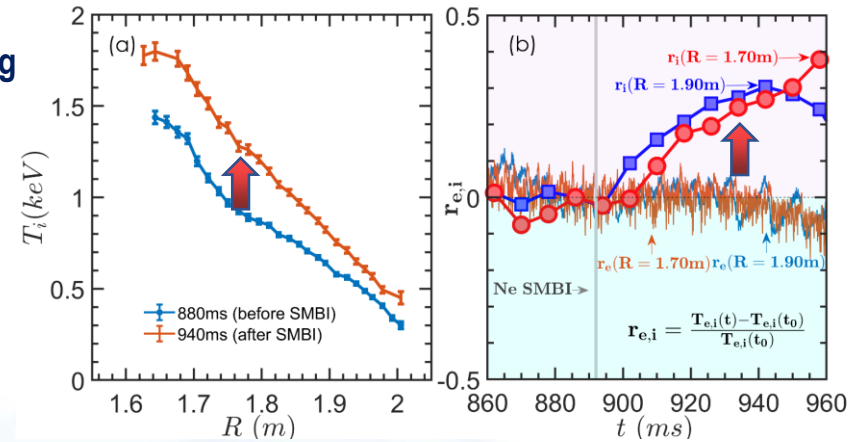


## HL-2A Experiment

- Confinement enhancement ( $T_i$  increased) by neon impurity seeding with decoupled electron and ion thermal transport observed.
- Te screening effect of impurity transport evidenced in discharge with hollow Ar impurity profile.
- Threshold of edge velocity shear for L-I-H transitions observed.
- The influence of magnetic islands on the nonlinear coupling of turbulence and QCM excitation are observed.



## HL-2M Tokamak

High performance, high  $\beta_N$  scenarios compatible with advanced divertor configurations

Major radius	$R = 1.78$ m
Minor radius	$a = 0.65$ m
Plasma current	$I_p = 2.5$ (3) MA
Aspect ratio	$R/a = 2.8$
Elongation	$K = 1.8-2$
Triangularity	$\delta > 0.5$
Toroidal field	$B_T = 2.2$ (3) T
Flux swing	$\Delta\Phi = 14$ Vs
Heating power	25 (27) MW

