



New capabilities

- Removable **divertor baffles** extend TCV's signature flexibility
- NBI heating widens H-mode and $T_i \approx T_e$ operating regimes
- Two dual frequency gyrotrons

Highlights

- Matched ITER baseline shape, q_{95} and β_N with good confinement → **O. Sauter, P4**
- Found baffles to avert H-mode pedestal degradation with strong divertor fuelling
- Demonstrated lower detachment threshold with larger target radius ("Super-X effect"), as predicted → **C. Theiler, P4**
- Probed and documented advantageous confinement of negative triangularity with $T_i \approx T_e$ and at high β_N → **L. Porte, P4**

