

Topic 2 I: TCV experiment KoM

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- ✓ 2017 **objectives** listed after the General Planning Meeting
 1. Provide cross-machine L-Mode shoulder dependence on current both at constant B_t and at constant q_{95}
 2. Establish robust scenario for density shoulder profile in H-mode and establish dependence on fuelling/neutral profiles/divertor condition
 3. Study the role of ELM regimes, neutral compression, and particle density in filamentary transport and related shoulder formation.
 4. Identify the contribution of collisionality and seeding on filamentary transport and related shoulder formation.
 5. Determine the effect of filaments and shoulder formation on target heat loads in different Hmode plasmas.
- ✓ We have a total number of **# 23 Shots** split into two operational window. Calendar week 24 (12.06-16.06) and Calendar week 43 (23.10-27.10)



- ✓ 15 people listed in the team for TCV experiment

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