

TSVV tasks – C9

- ETS benchmark with ASTRA
 - Deadline is end of 2022
 - ETS5 simulations were ran with stability issues
 - ETS6 impurity model recently developed
 - No neutrals yet – expected implementation by the end of June
 - AUG shot 33108 is already available
 - Preliminary simulations possible – Ar⁺¹ injection
 - Runaway fluid available, NORSE integration in progress
- DREAM integration to IMAS
 - ACH starts during the summer
 - Deadline 2023

Non – TSVV tasks

- Start-up simulations
 - NORSE – DYON coupling revisited
 - Planned to use NORSE for JT60SA start-up simulations
 - Unstable results, also not self consistent evolution
 - DREAM is probably the next step
- Runaway transport in stochastic fields
 - 1D model implementation – Ferenc Lengyel
- Modelling for DEMO SPI
 - Starts in 2022 – Gergo Pokol