



EFDA

EUROPEAN FUSION DEVELOPMENT AGREEMENT

Task Force
INTEGRATED TOKAMAK MODELLING

European Transport Solver Training

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The ETS is a core transport solver which solves a set of diffusion equations (like JETTO, ASTRA and CRONOS)

It is a modular workflow combining different actors/workflows such as :

- Transport Solvers
- Workflows/actors of other IMP's (IMP12, IMP4 and IMP5)

Workflow includes nested loop

- Time loop
- Transport Convergence loop

The ETS includes 2 workflows linked with 2 transport solvers with different technical choices but the **workflows are compatible with any ITM actors and the 2 transport solvers will be interchangeable in most of the cases.**

The differences concern the treatment of the ion species, radial grid, equilibrium loop and will be detailed during the trainings