Overview

- Systems Codes models have been developed and tested for the HELIAS concept
- Detailed transport simulations are employed to describe the plasma confinement

Integrated Design Analysis

- Engineering and Physics tools are coupled indirectly using results as input for each other
- Several iterations forth and back lead to a consistent design
- low calculation time of a single design point allow to carry out sensitivity studies over a wide parameter space and optimisation
- Evolving method, but valuable tool to prepare designs for the next-step devices