
Shift overview

- Flexible, high-performance Monte Carlo radiation transport *framework*
- Shift is physics agnostic
 - SCALE CE physics
 - SCALE MG physics
- ***Shift is geometry agnostic***
 - SCALE geometry
 - Exnihilo RTK geometry
 - MCNP geometry
 - DagMC-CUBIT CAD geometry
- Fixed-source and eigenvalue solvers
- ***Integrated with Denovo for hybrid methods (still developmental)***
- Multiple parallel decompositions and concurrency models
- Shift is designed to scale from supercomputers to laptops