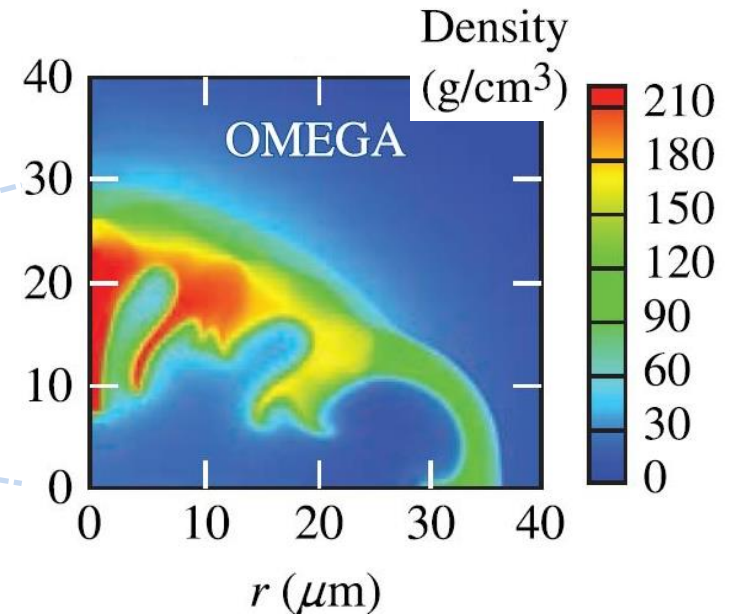
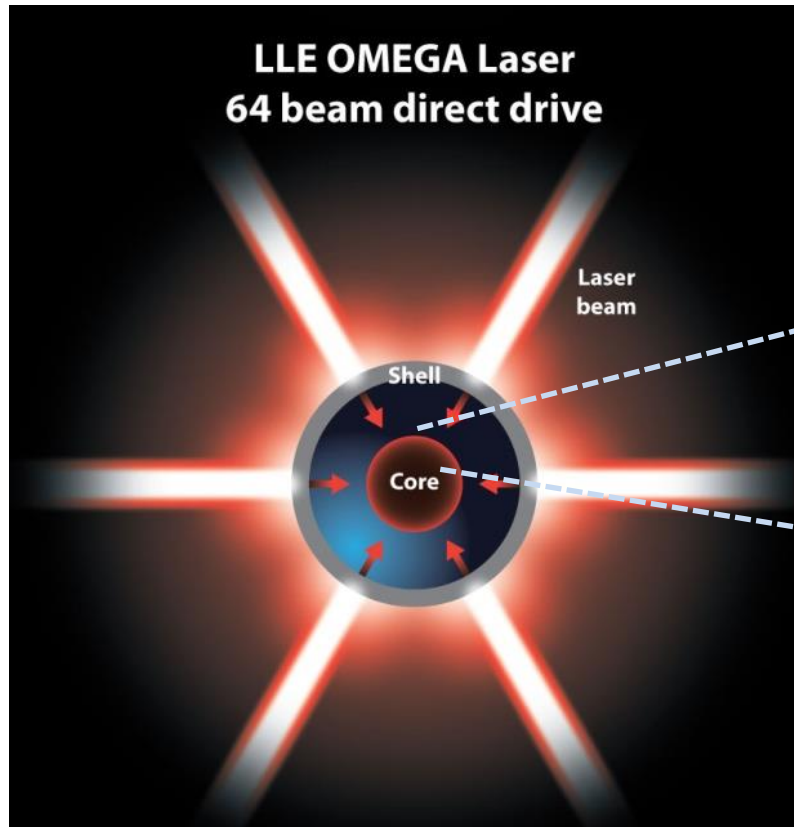


Creating Star on Earth

Hydrodynamics of Inertial Confinement Fusion implosions



We study effects hydro instabilities (RT, RM and onset of Turbulence) on implosions using our code DEC2D/3D

- 1) S. Atzeni, J. Meyer-ter-Vehn, ["The Physics of Inertial Fusion"](#), Oxford Univ. Press
- 2) A. Bose & R. Betti, [Phys. Plasmas **22** \(2015\)](#),
- 3) A. Bose et al, [Phys. Rev. E **94** \(R\) \(2016\)](#).