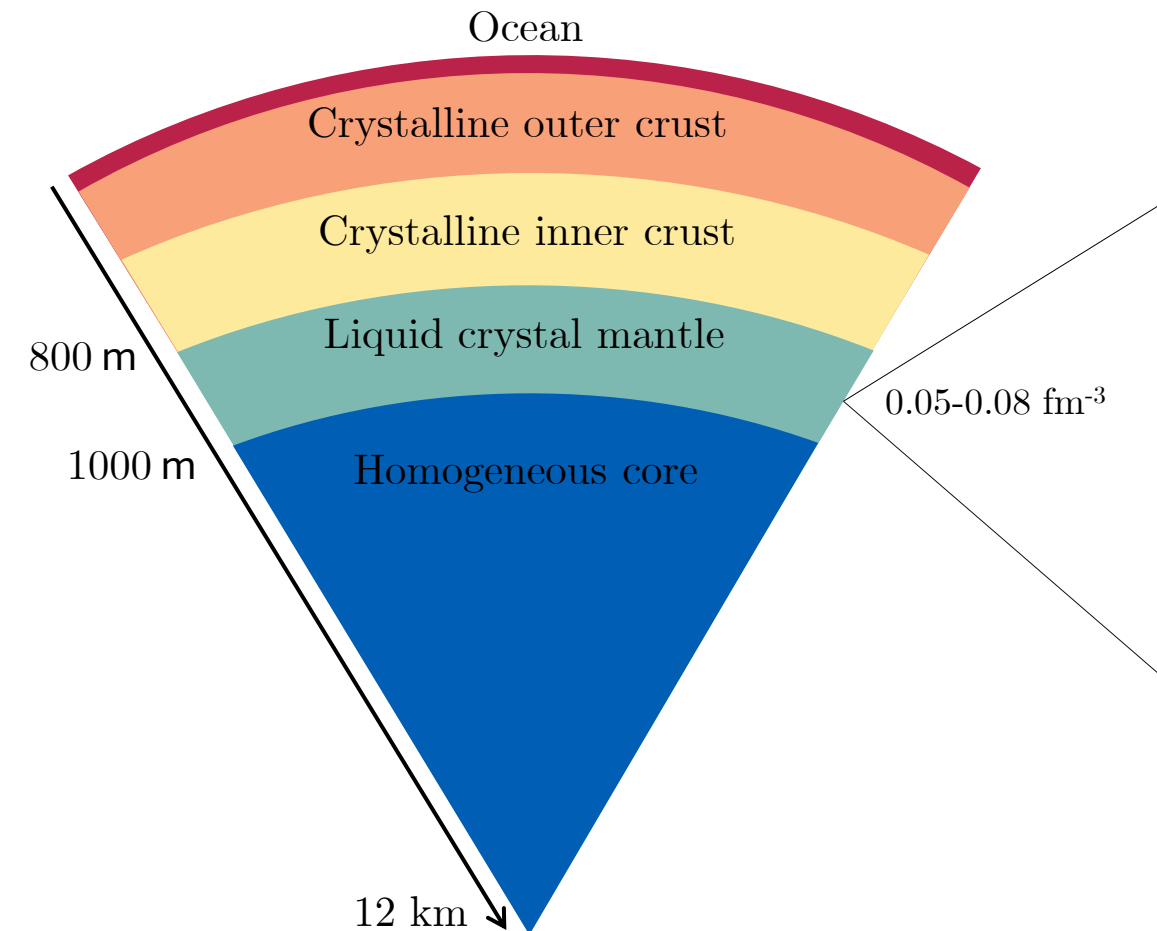


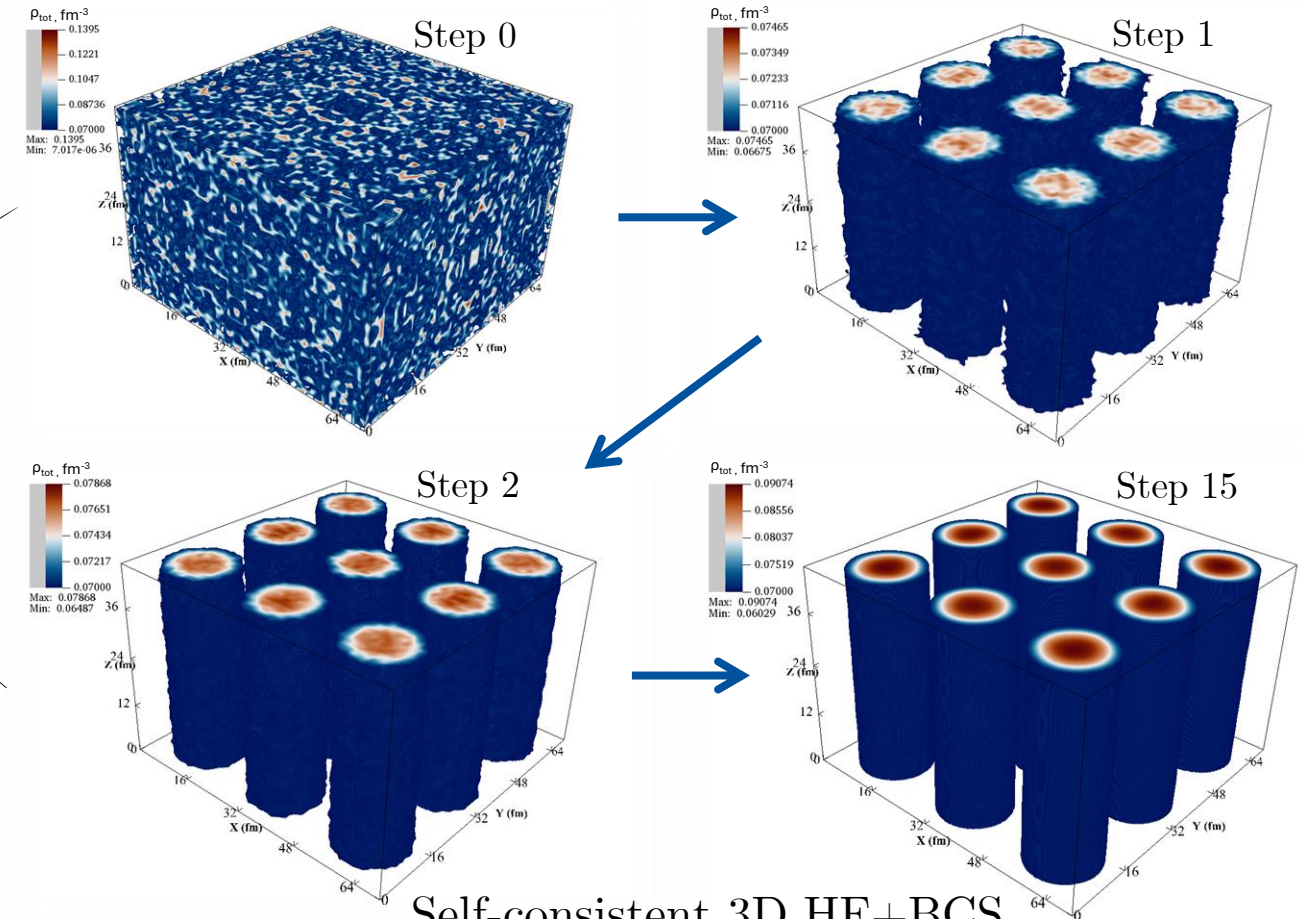
Unified description of the neutron star interior: Nuclear pasta mantle

Nikolai Shchechilin, W. Ryssens, N. Chamel, G. Grams, S. Goriely

Neutron star schematic structure



Brussels recipe for pasta



Self-consistent 3D HF+BCS
simulations with generalized
Skyrme interaction