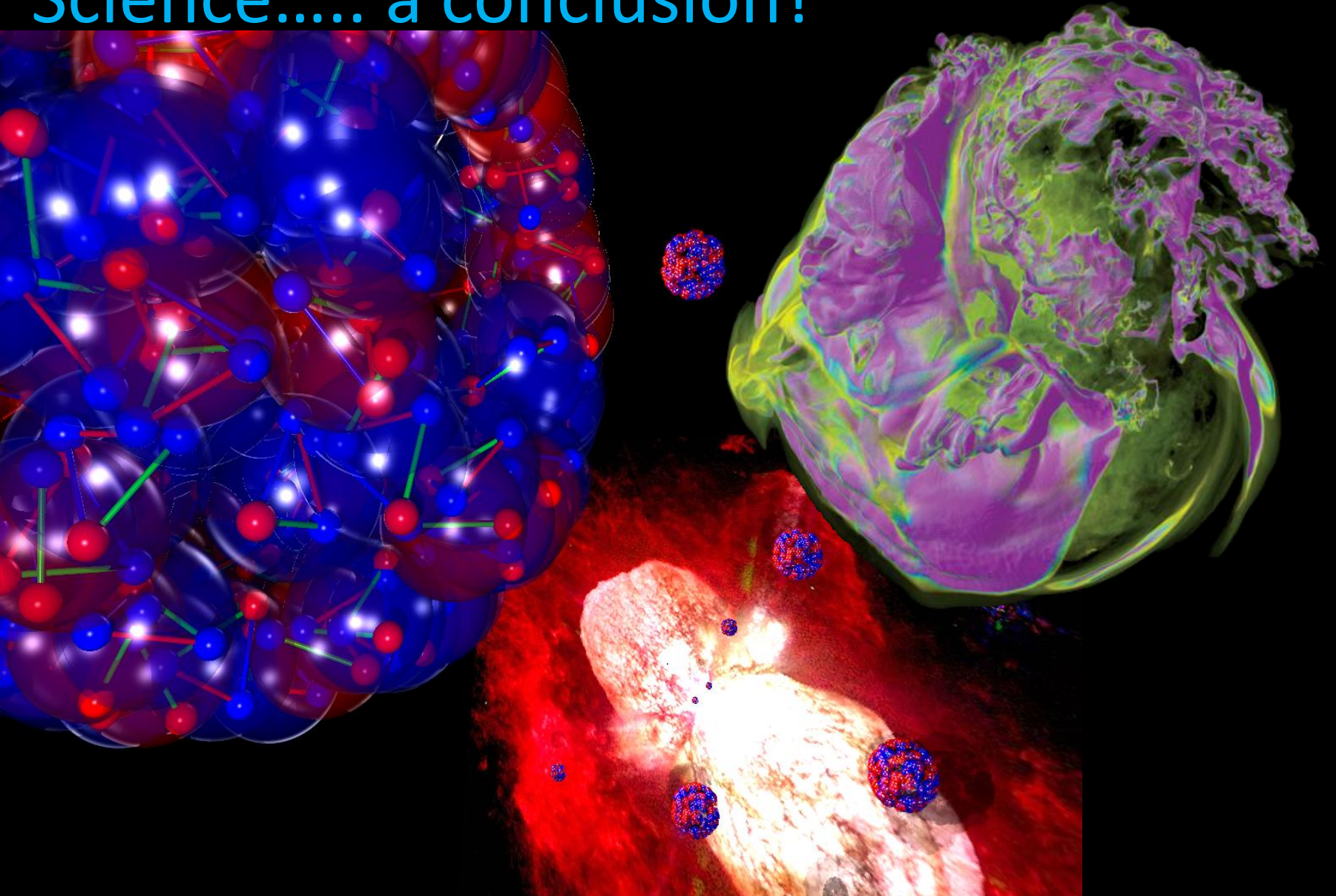


High Performance Computing in Nuclear Science..... a conclusion?



Number of protons

Nucleosynthesis in the r-process

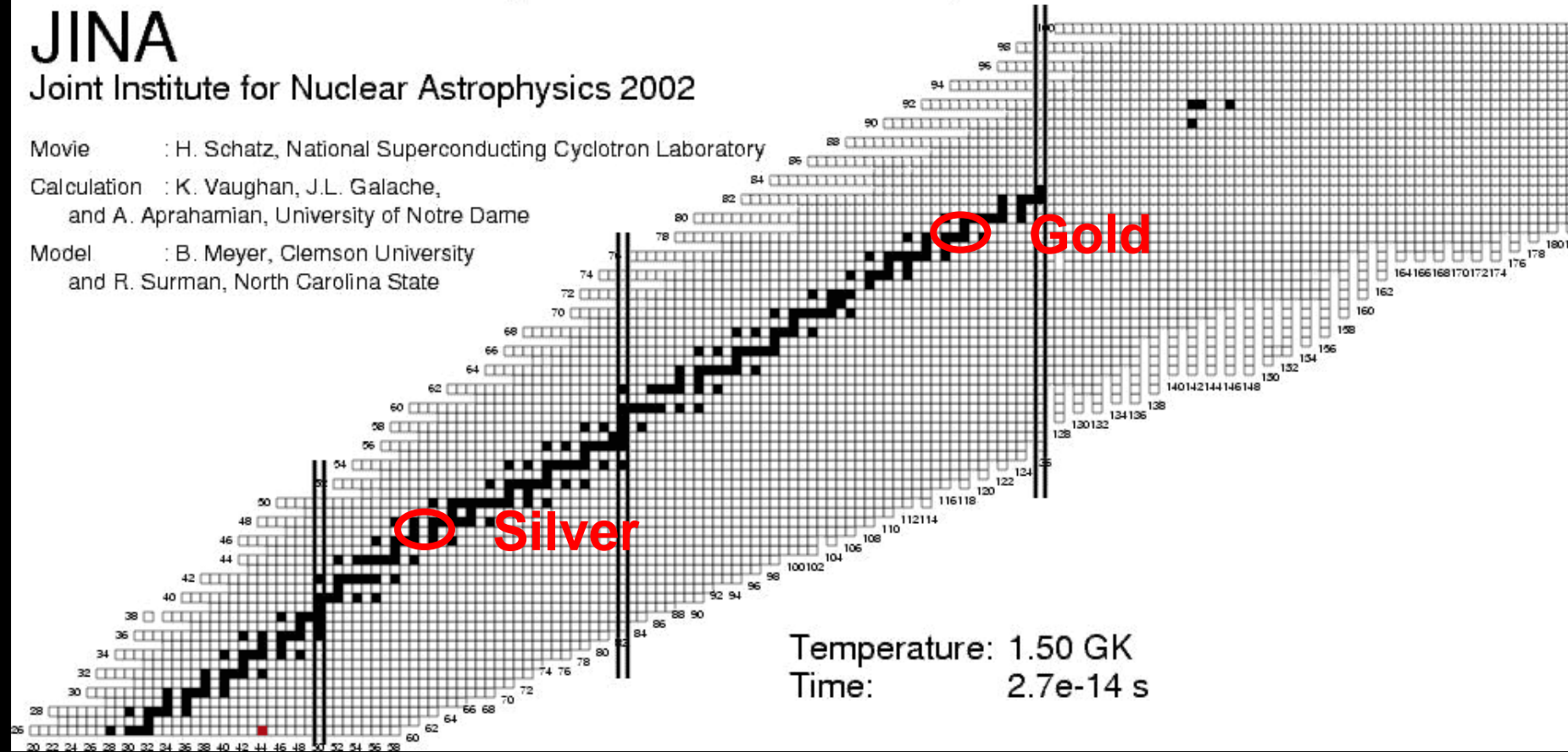
JINA

Joint Institute for Nuclear Astrophysics 2002

Movie : H. Schatz, National Superconducting Cyclotron Laboratory

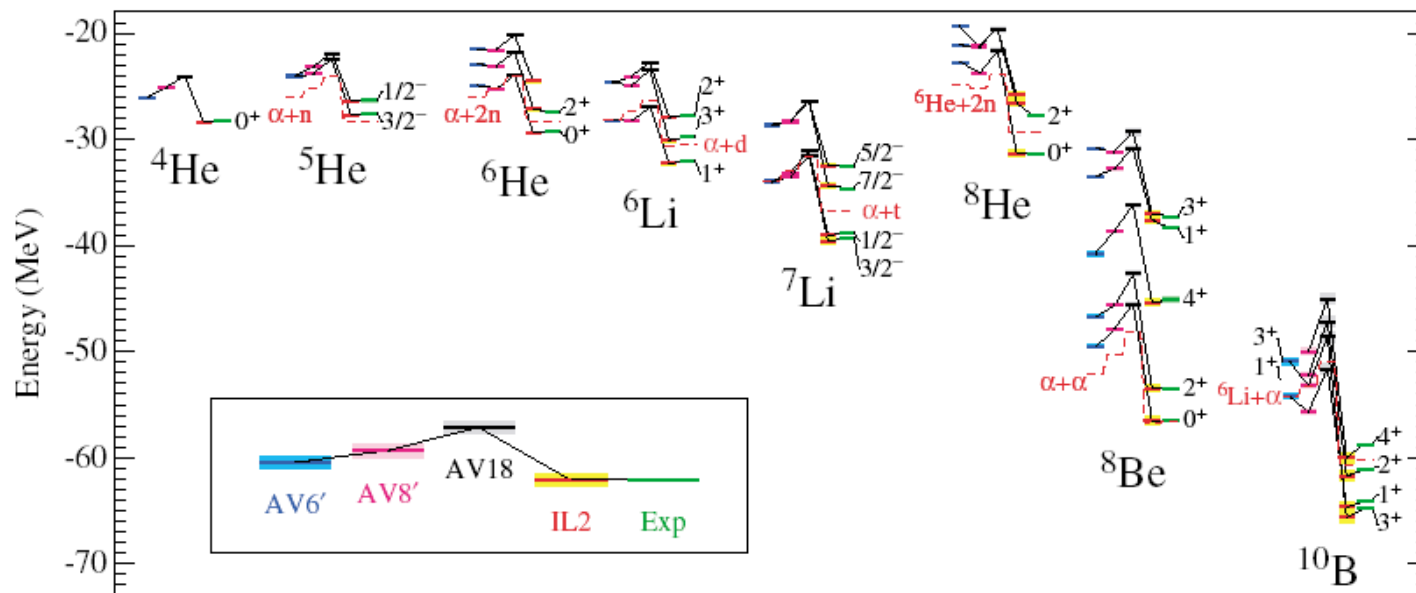
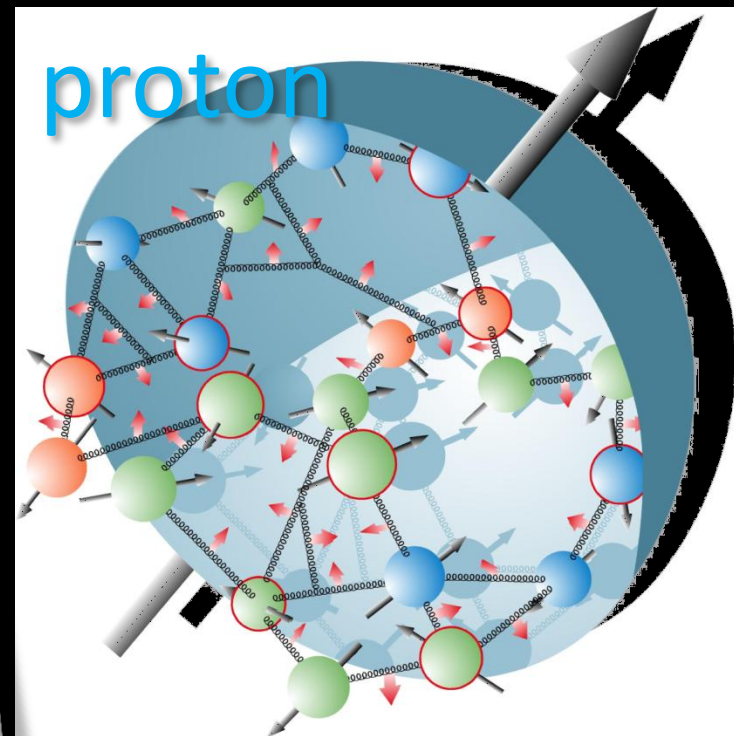
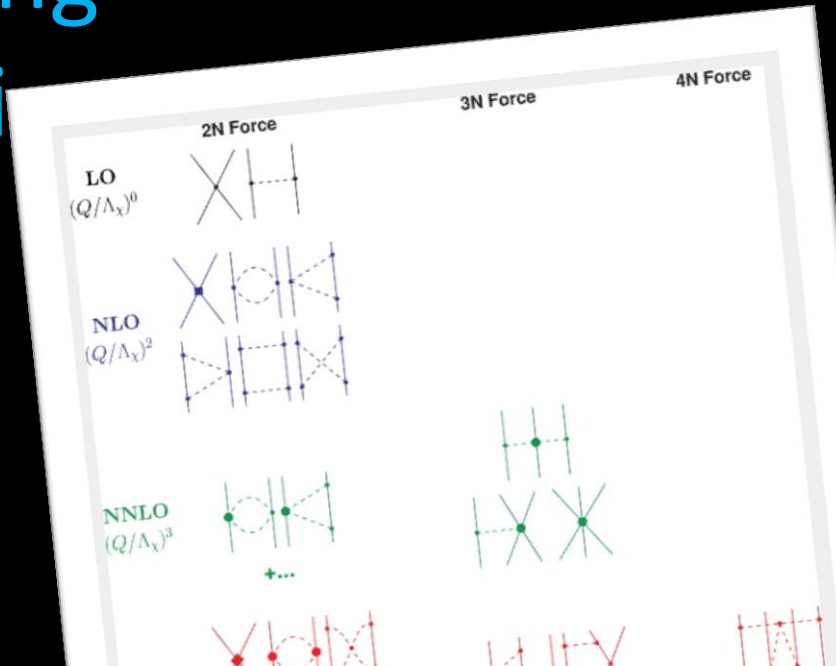
Calculation : K. Vaughan, J.L. Galache,
and A. Aprahamian, University of Notre Dame

Model : B. Meyer, Clemson University
and R. Surman, North Carolina State

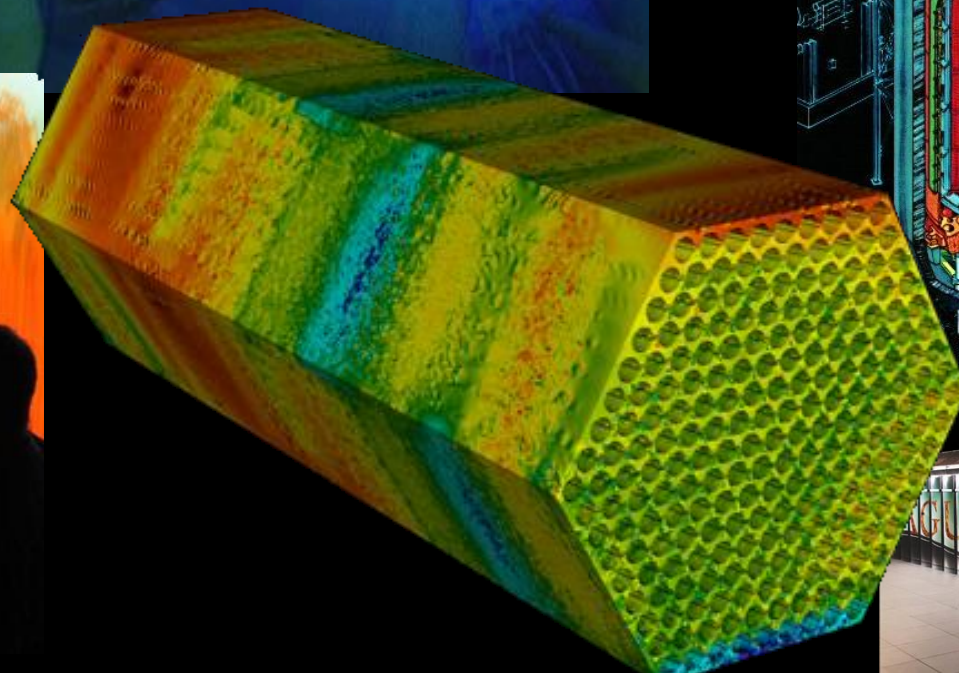
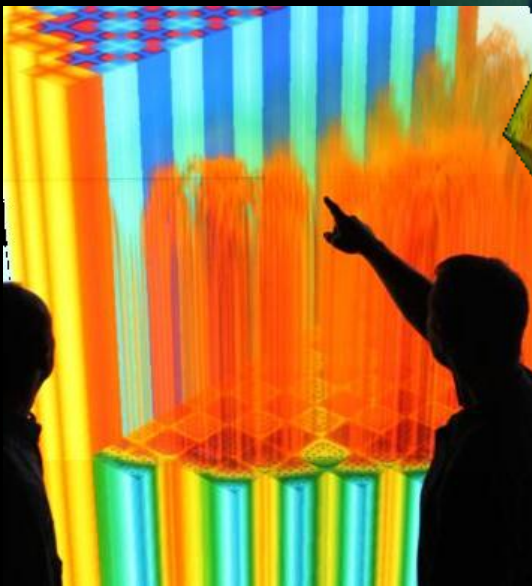
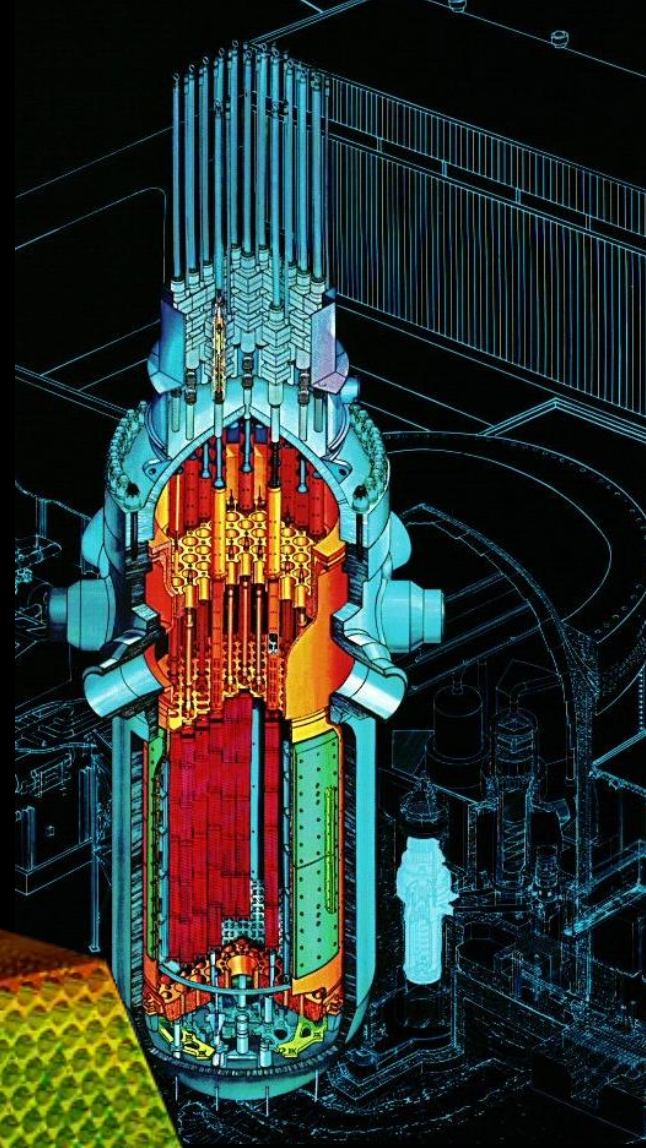
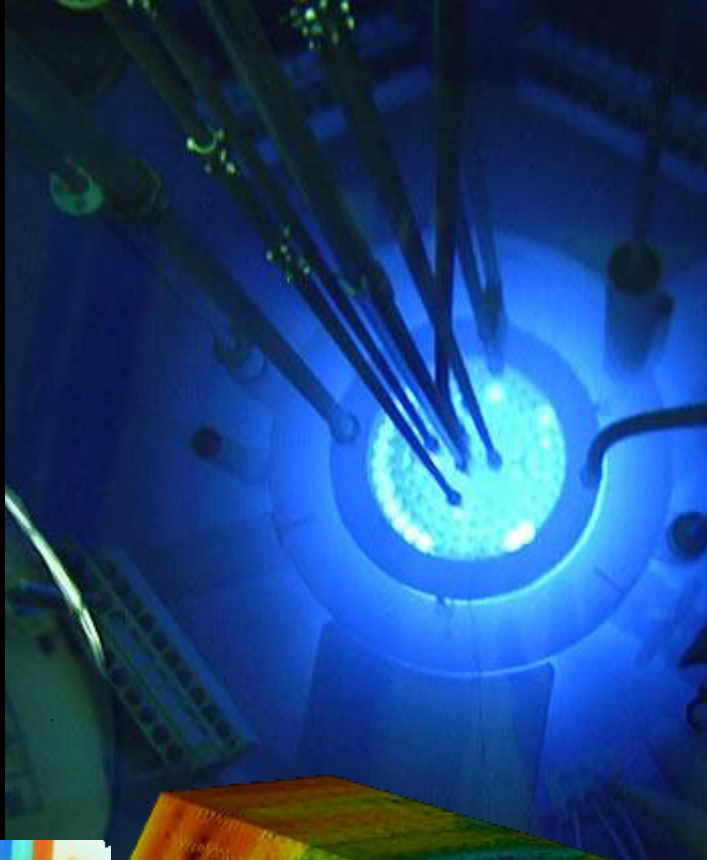


Number of neutrons

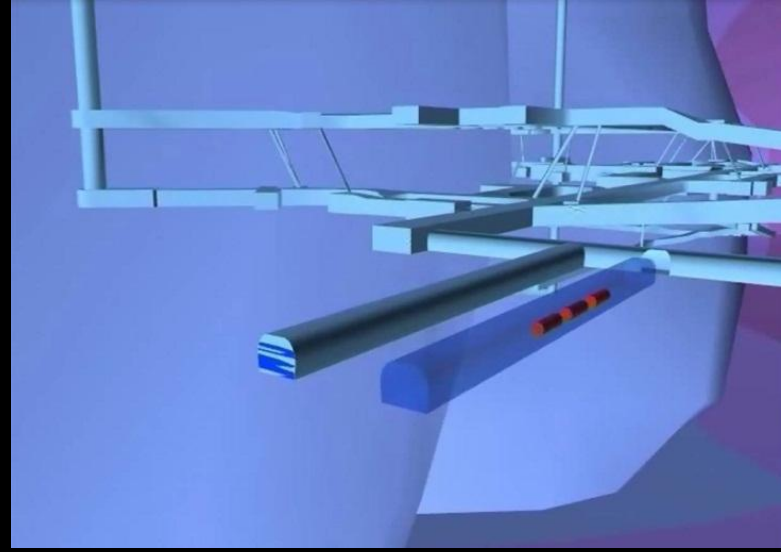
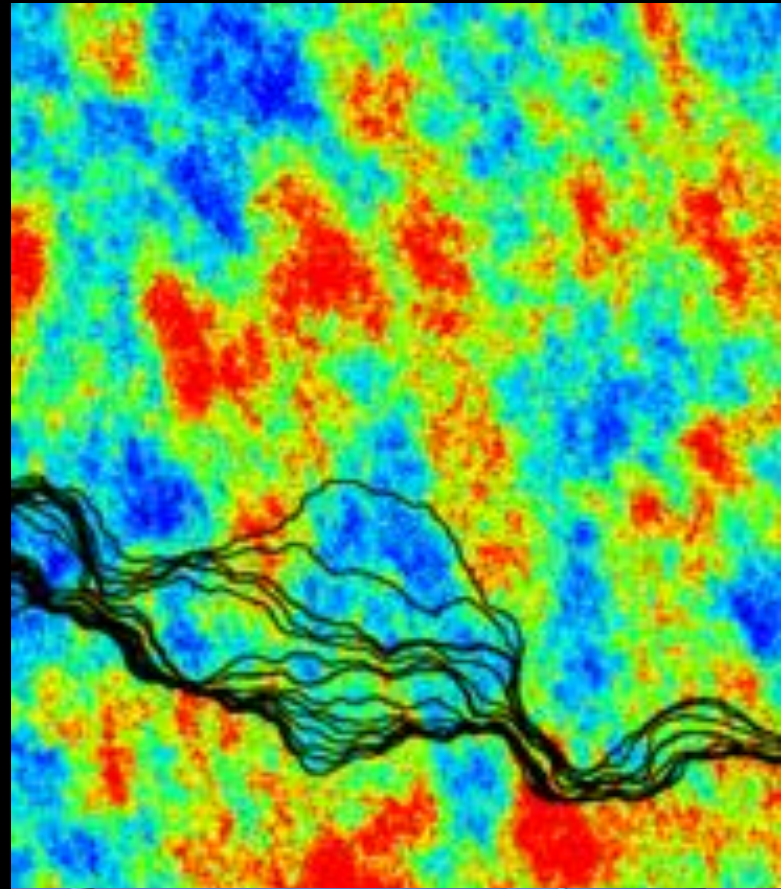
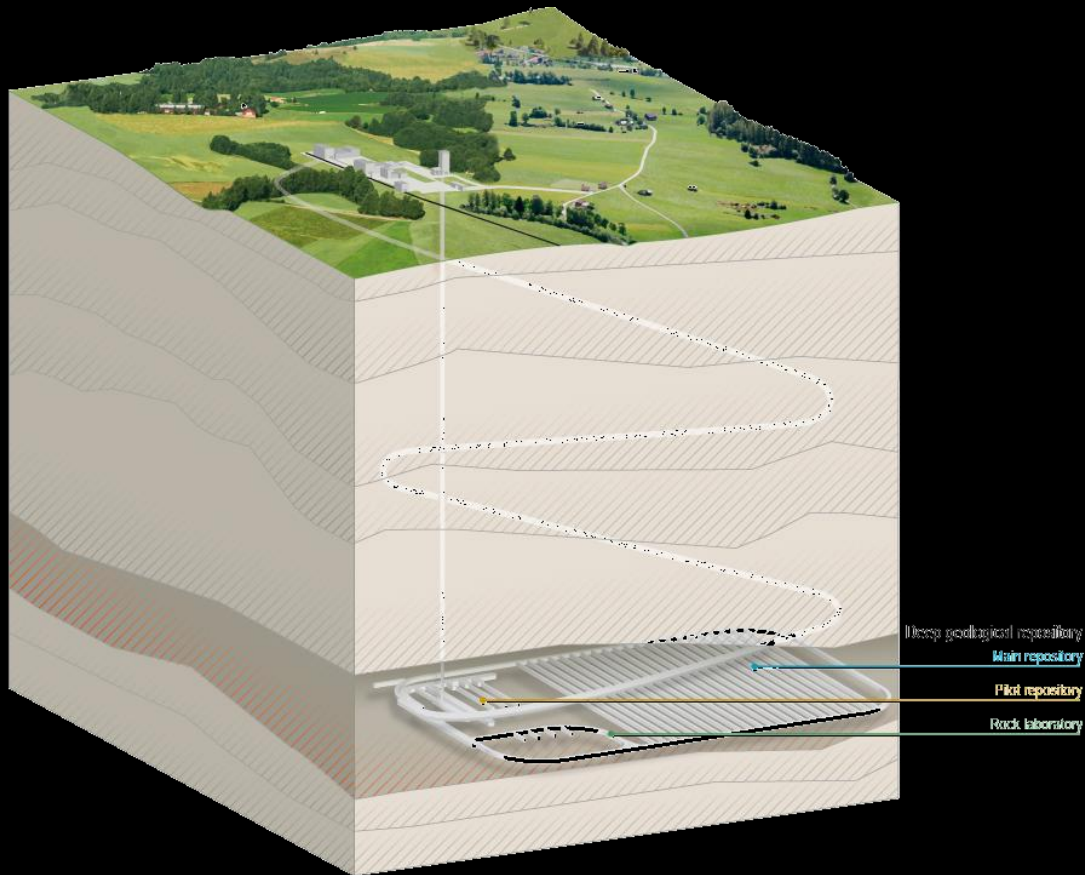
Building nuclei



Nuclear Reactors



Nuclear Waste Repository



High performance computing is crucial to driving cutting edge engineering and science!

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