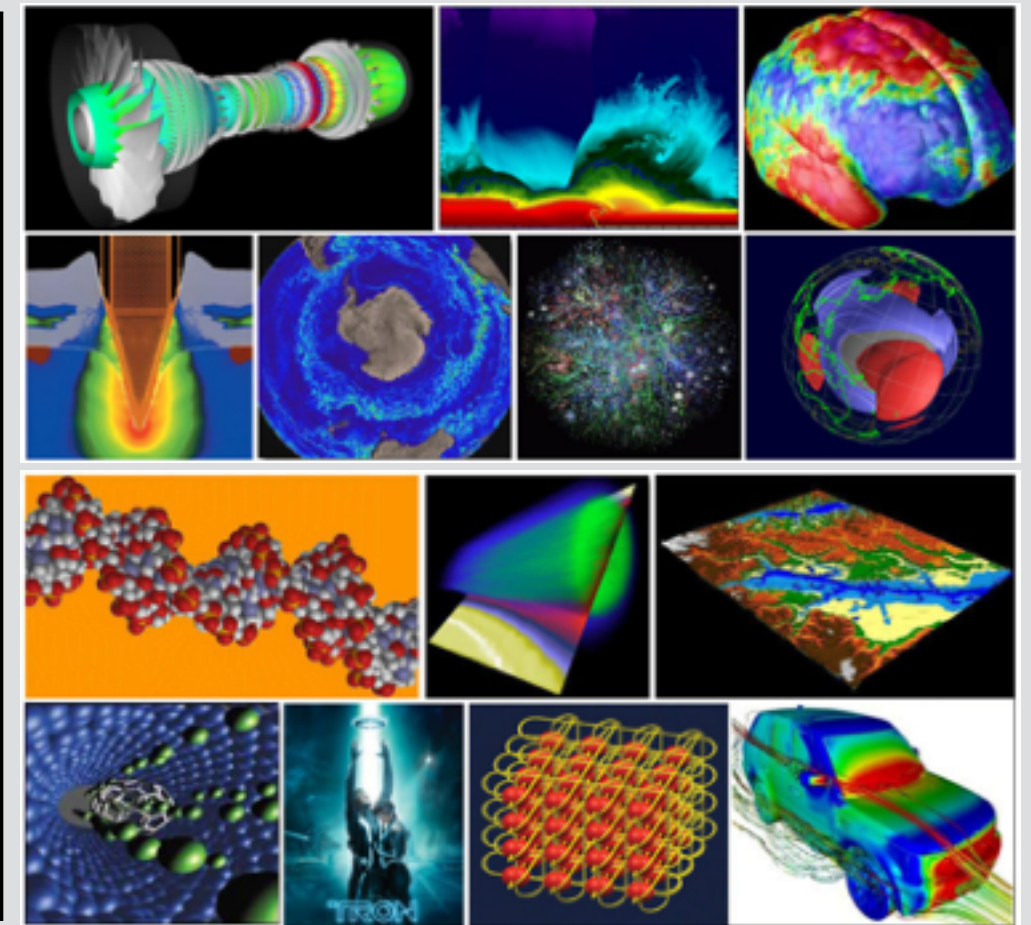# Motivation

○ Atmosphere, Earth, Environment

○ Physics - applied, nuclear, particle, condensed matter, high pressure, fusion, photonics

○ Bioscience, Biotechnology, Genetics

○ Chemistry, Molecular Sciences

○ Geology, Seismology

○ Mechanical Engineering - from prosthetics to spacecraft

○ Electrical Engineering, Circuit Design, Microelectronics

○ Computer Science, Mathematics

○ Defense, Weapons

Motivation

- Large Amount of Data to Compute.

- Time expensive algorithms.

- Computer Simulations and …