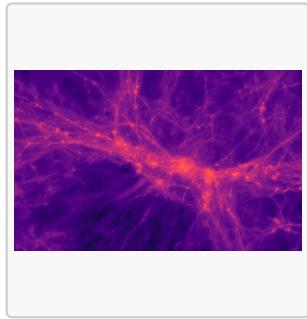
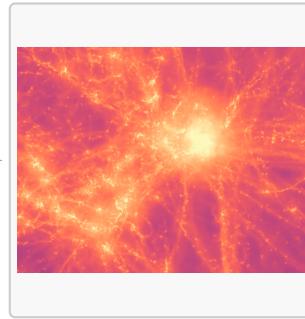


# From Cosmic Structures to Fundamental Particles

Megaparsecs → Trillions of km



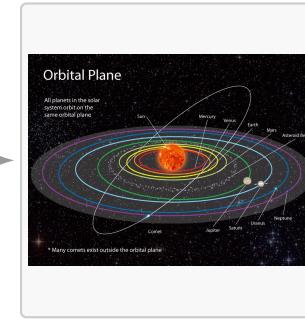
Cosmic Filaments



Superclusters



Galaxies



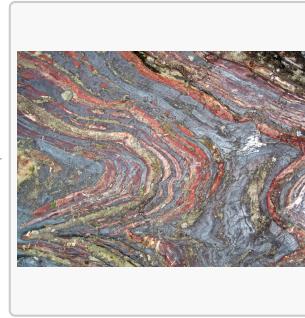
Solar System

## Cosmic Scales

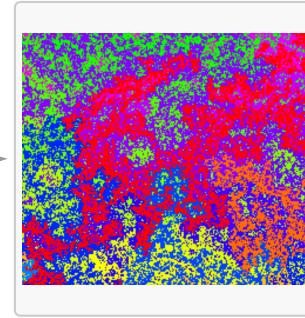
Megameters → Nanometers



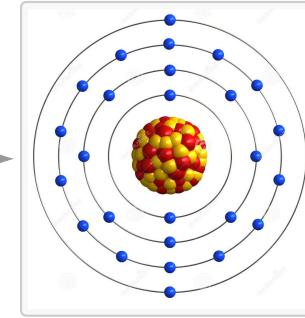
Earth



Disordered Metals



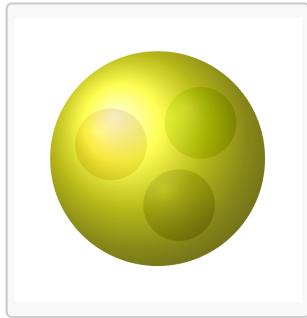
Nuclear Spin Lattice



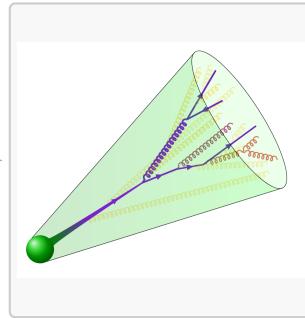
Single Iron Atom

## Terrestrial Scales

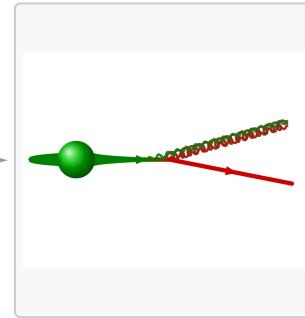
Femtometers and below



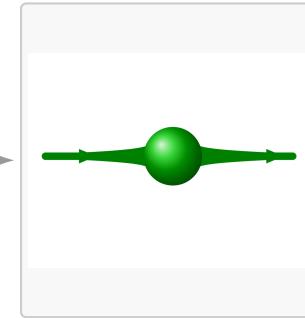
Single Nucleon



Many-Particle Jets



High-Energy QCD



Asymptotically Free Quark

## Subatomic Scales