The Scale of Things - Nanometers and More

Things Natural



Dust mite



Human hair ~ 60-120 μm wide



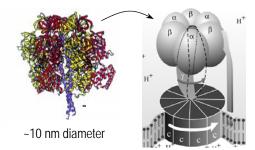


Ant

~ 5 mm

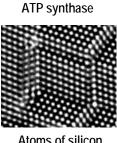
Flv ash

~ 10-20 µm

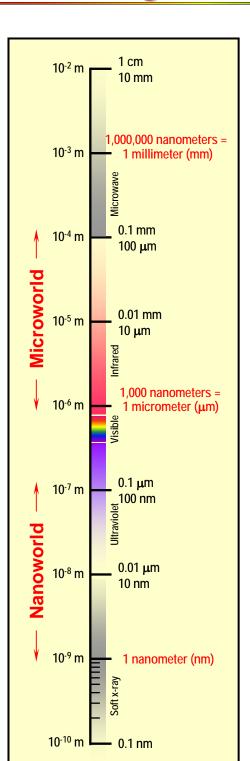




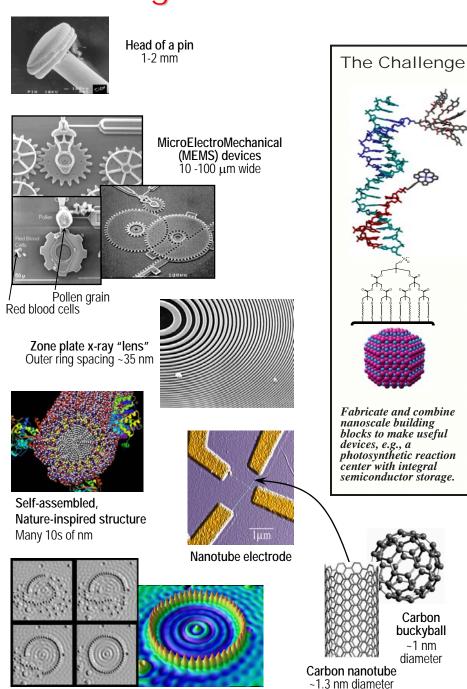
DNA ~2-1/2 nm diameter



Atoms of silicon spacing ~tenths of nm



Things Manmade



Quantum corral of 48 iron atoms on copper surface

positioned one at a time with an STM tip

Corral diameter 14 nm