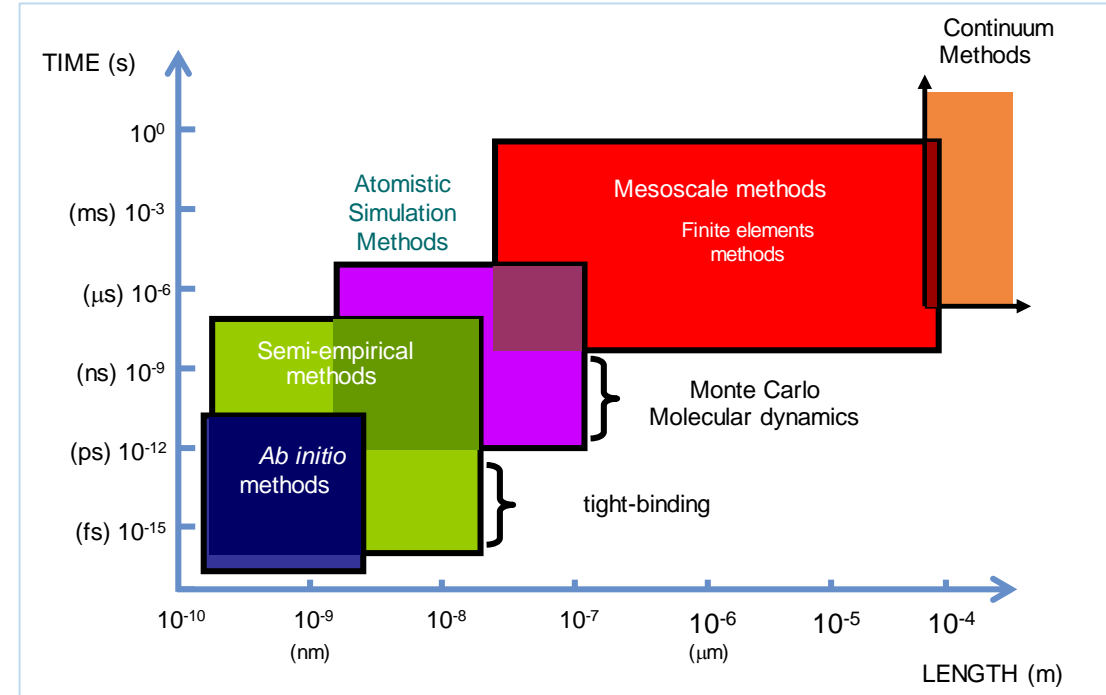
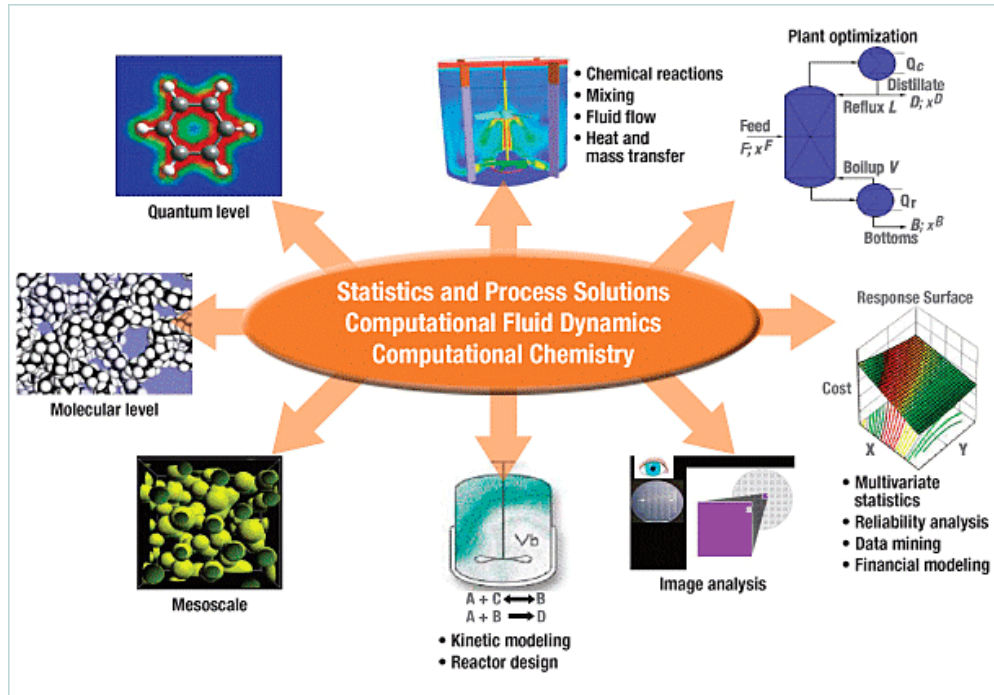


- **Multi-scale modeling of complex systems and materials properties for process and product development**
- **Core businesses:** Industrial gas production, polymers, and electronics materials



- **Mission:** Use of atomistic- to reactor-scale simulations to provide fundamental insights when experiments are unattainable
- **Selected projects:** Tailored nanoparticles for alternative energy, catalyst deactivation in oil refining, enzymatic catalysis in biological systems, and thin film deposition for electronics