

Exact theory for ground state properties

**DFT**  
Density Functional Theory

Exact theories for excited state properties

**TD-DFT**  
Time-Dependent DFT

**ALDA**  
Adiabatic Local Density  
Approximation

**MBPT**  
Many-Body  
Perturbation Theory

**GW**  
GW Approximation

**BSE**  
Bethe-Salpeter Equation

