

Seminar für Mitarbeiter über „Grundlagen der Dichtefunktionaltheorie“

jeweils montags, 10:30 Uhr, im Seminarraum 803 (Geb. 30.44)

- 21.10.19** **Christoph van Wüllen**
One- and two-particle densities, density matrices, exchange-correlation hole
- 28.10.19** **Jing Liu**
Homogeneous electron gas, Thomas-Fermi model, Slater-Dirac exchange, orbital-free DFT
- 04.11.19** **Rodrigo Cortés-Mejía**
Hohenberg-Kohn theorems, Kohn-Sham approach
- 18.11.19** **Pascal Förster**
Local exchange-correlation functionals (LDA, GGAs, meta-GGAs)
- 25.11.19** **Elham Barani**
Hybrid functionals, range separation, double hybrids, local hybrids
- 02.12.19** **Marius Rabung**
Orbital-dependent exchange functionals (OEP, LHF)
- 09.12.19** **Patrick Bügel**
Conceptual DFT
- 16.12.19** **Xin Gui**
Dispersion-corrected DFT
- 13.01.20** **Max Kehry**
CIS, Tamm-Dancoff approximation, time-dependent DFT
- 20.01.20** **Florian Rehak**
Adiabatic connection, random-phase approximation, and strong interaction limit

gez. K. Fink, W. Klopper, C. van Wüllen, F. Weigend