



Freiburg i. Br.

Lecture Series on Classical DFT

As a part of the DFT Spring School 2019

March 18th – 21st, 2019University of Freiburg
Institute of Physics, Big Lecture Hall

Overview

The lecture series provides a detailed introduction into the general framework and structure of classical density functional theory (DFT), the construction and application of functionals, and the treatment of non-equilibrium dynamics.

Program

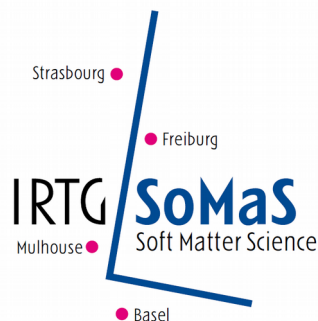
Mon 18/03	14.00 -16.00	General Introduction: (R. Evans, Bristol) Inhomogeneous Statistical Mechanics and correlation functions
	16.00 -16.30	Extended coffee break and discussions
Tue 19/03	09.00 -12.30*	Functionals: (R. Roth, Tübingen) Overview and examples
Wed 20/03	09.00 -12.30*	Dynamics: (M. Schmidt, Bayreuth) Dynamical DFT, Power Functional Theory
Thu 21/03	09.00 -10.30*	Poster Session: Presented by the participants of the School
	10.45 -13.00	Research Talks: 10:45 “DFT for Coulombic systems” (R. van Roij, Utrecht) 11:30 “Applying equilibrium statistical physics to active matter” (J. Brader, Fribourg) 12:15 “Correlations in electric double layers” (A. Härtel, Freiburg)

* Including coffee break

Supported by:



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<https://www.soft.uni-freiburg.de/events/dft-spring-school>