

International Workshop on

“Reduced Density-Matrix Functional Theory: Improving its foundation and extending its scope”

Lausanne – Switzerland

6 - 9 October 2020

organized by

C. L. Benavides-Riveros, E. K. U. Gross and C. Schilling

This international workshop will discuss and explore new aspects and challenges in Reduced Density Matrix Functional Theory (RDMFT). The main aim is to bring together leading experts in RDMFT and related fields to improve the foundation of RDMFT and to extend its scope. The workshop comprises the following thematic blocks: (i) Universal features of the exact functional & role of the one- and two-body N-representability conditions, (ii) RDMFT for translationally invariant lattice systems and (iii) Extension of RDMFT to excited states, finite-temperature and time-evolving systems.

homepage and registration:
under construction
venue: CECAM Headquarters in Lausanne

Invited speakers

Paul Ayers (McMaster)
Evert Jan Baerends* (Amsterdam)
Garnet K. Chan* (Caltech)
Jerzy Cioslowski (Szczecin)
Klaas Giesbertz (Amsterdam)
Peter Gill (Sydney)
Peter Knowles (Cardiff)
Nektarios Lathiotakis (Athens)
José Lorenzana (La Sapienza)
Pastor Gustavo (Kassel)
Katarzyna Pernal (Lodz)
Mario Piris (Ikerbasque)
Ryan Requist (Jerusalem)
Michael Ruggenthaler (MPI Hamburg)
Stefano Pittalis (Modena)
Peter Vrana (Budapest)

*: to be confirmed

