



International Conference on Reduced Density Matrix Theory for Quantum Many- Fermion Systems (RDM2022)

15.Jun - 17.Jun 2022

Cód. Z04-22

Mod.:

Presencial

Edición

2022

Tipo de actividad

Workshop

Fecha

15.Jun - 17.Jun 2022

Ubicación

Palacio Miramar

Idiomas

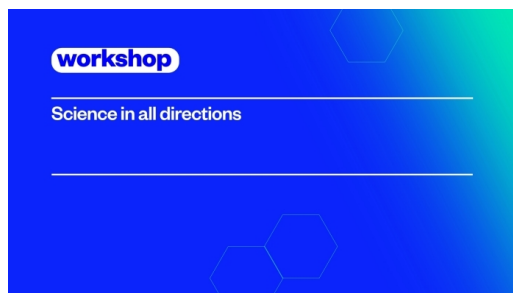
Inglés

Validez académica

30 horas

Web

<http://rdm2022.dipc.org>



DIRECCIÓN

Comité Organizador



Descripción

The interdisciplinary RDM2022 brings together experts from the quantum sciences, particularly quantum chemistry and quantum information theory to elaborate on conceptual aspects of interacting quantum many-fermion systems. Topics will explore the theory and applications of both ground and excited states as well as time-dependent processes. The conference comprises the following connected thematic blocks:

1. Geometry of RDMs & Concept of fermionic correlation and entanglement.
2. 1- and 2-body N-representability Problem.
3. 1-RDM and 2-RDM Functional Theories.
4. Excited States and Time-Evolution.

ORGANIZING COMMITTEE:

Prof. Mario Piris (DIPC, UPV/EHU, IKERBASQUE)

Prof. David A. Mazziotti (University of Chicago, USA)

Dr. Christian Schilling (LMU Munich, Germany)

Objetivos

The aim of the International Conference on Reduced Density Matrix Theory for Quantum Many-Fermion Systems is to discuss recent ideas and identify open challenges related to the determination of the energy and properties of interacting fermions in terms of reduced density matrices.

Colaboradores específicos del curso



Dirigido por:



Mario Piris Piris Silvera

DIPC & UPV/EHU & IKEBASQUE

Precios matrícula

REGISTRATION

HASTA 05-06-2022

Attendant

0 EUR

Lugar

Palacio Miramar

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Gipuzkoa