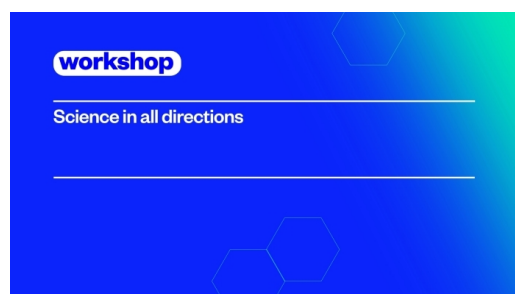




International Conference on Reduced Density Matrix Theory for Quantum Many- Fermion Systems (RDM2022)



Eka. 15 - Eka. 17 2022

Kod. Z04-22

Mod.:

Aurrez aurrekoa

Edizioa

2022

Jarduera mota

Workshop

Data

Eka. 15 - Eka. 17 2022

Kokalekua

Miramar Jauregia

Hizkuntzak

Ingelesa

Balio akademikoa

30 ordu

Webgunea

<http://rdm2022.dipc.org>

Antolakuntza Batzordea

Azalpena

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)

Helburuak

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.

Ikastaroaren laguntzaile espezifikoak



Zuzendaritza



Mario Piris Piris Silvera

DIPC & UPV/EHU & IKEBASQUE

Matrikula prezioak

REGISTRATION	2022-06-05 ARTE
Attendant	0 EUR

Kokalekua

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Gipuzkoa