Programme

	Wed, Jun 15	Thu, Jun 16	Fri, Jun 17
08:30	Registration		
09:00	Opening Remarks		
09:30	09:30 – 10:00 E. V. Ludeña	09:30 – 10:00 E. Matito	09:30 – 10:00 P. F. Loos
	10:00 – 10:30 A. E. DePrince	10:00 – 10:30 I. Mitxelena	10:00 – 10:30 M. R-Mayorga
	10:30 – 11:00 T. Deutsch	10:30 – 11:00 J. Hollet	10:30 – 11:00 A. Sokolov
11:00	11:00 – 11:30 Coffee Break	11:00 – 11:30 Coffee Break	11:00 – 11:30 Coffee Break
11:30	11:30 – 12:00 J. Liebert	11:30 – 12:00 K.J.H. Giesbertz	11:30 – 12:00 S. Di Sabatino
	12:00 – 12:30 R. van Leeuwen	12:00 – 12:30 T. Maciazek	12:00 – 12:30 P. Romaniello
	12:30 – 13:00 K. Pernal	12:30 – 13:00 E.K.U. Gross	12:30 – 13:00 N. Cox
13:00	13:00 – 15:00 Lunch Break	13:00 – 15:00 Lunch Break	13:00 – 15:00 Lunch Break
15:00	15:00 – 15:30 L. Ding	15:00 – 15:30 E. Fromager	15:00 – 15:30 F. Verstaete
	15:30 – 16:00 P. A. Johnson	15:30 – 16:00 Benavides-Riveros	15:30 – 16:00 G. Toth
	16:00 – 16:30 I. Brezinova	16:00 – 16:30 M. Saubanère	16:00 – 16:30 R. Trényi
17:00		17:00 – 19:00 Poster session	
20:30		20:30 – 24:00 Conference Dinner	

E. V. Ludeña	N-Representability conditions on the 2RDM versus cluster expansions for N-representable correlated basis functions, CBF theory, functionals
A.E. DePrince III	Variational two-electron reduced density matrix methods
T. Deutsch	N-representable parametrization of the 2RDMs based on a new compact formalism

J. Liebert	Ensemble reduced density matrix functional theory for excited states and hierarchical generalization of Pauli's exclusion principle
R. van Leeuwen	The one-particle Green's function as functional of the one-particle density matrix
K. Pernal	On-top pair density dynamic correlation energy functional for ground and excited states

L. Ding	Fermionic entanglement and correlation
P. A. Johnson	Richardson-Gaudin mean-field for strong electron correlation
I. Brezinova	Build-up of correlations in the Fermi-Hubbard model: A case study for the TD2RDM method

E. Matito	Property and energy assessment of reduced density matrix approximations
I. Mitxelena	Towards a global natural orbital functional
J. Hollett	Delta NO and the partitioning of electron correlation

K.J.H. Giesbertz	One-body reduced density matrix functional theory at elevated temperatures
T. Maciazek	Implications of pinned occupation numbers for natural orbital expansions
E.K.U. Gross	How to calculate the macroscopic polarization of strongly correlated solids: accurate formula in terms of natural orbitals

E. Fromager	DFT without density functionals: A density matrix-functional quantum embedding perspective
C. Benavides-R.	Towards a reduced density matrix embedding theory
M. Saubanère	Playing with the reduced density matrix: representability, functionals and embedding

P. F. Loos	Accurate FCI correlation energies and reduced density matrices
M. R-Mayorga	Introducing relativistic reduced density matrix functional theory
A. Sokolov	Linear-response density cumulant theory for excited states and spectroscopy

S. Di Sabatino	Photo-emission spectra from the extended Koopmans' theorem
P. Romaniello	Strong correlation and nonadiabaticity in TDRDMFT: insights from a two-site Anderson impurity model
N. Cox	Time evolution and eigenstate calculations using the geminal density matrix

F. Verstaete	Quantum tensor networks and entanglement
G. Toth	Uncertainty relations with the variance and the quantum Fisher information
R. Trényi	Multicopy metrology with many-particle quantum states

Poster Titles

Nicolas G. Cartier	Towards an efficient SCF implementation for RDMFT
Lukas Kienesberger	On the phase dilemma in functional theories
Quentin Marecat	Self-energy functional of the reduced density matrix: toward a systematic and accurate framework
Rolando Reiner	Describing ground state gaps and quantum phase transitions through functional theory
Sajanthan Sekaran	(Block)-Householder transformed density matrix functional embedding theory: extension to multiple impurities systems
Saad Yalouz	(Block)-Householder transformed density matrix functional embedding theory: extension to multiple impurities systems
Bruno Senjean	Density functional theory on quantum computers
Lexin Ding	Correlation paradox of the dissociation limit: a quantum information perspective
Derk P. Kooi	The optimal non-interacting ensemble: An optimal transport reference system and perturbation theory for 1RDMFT
José Aarón Rguez Jiménez	Use of reduced density matrices within RASCI
Julia Liebert	Bose-Einstein Condensation Force
Raul A. Quintero Monsebaiz	Spectroscopic properties of open shell diatomic molecules using PNOFs
Matthieu Vladaj	Reduced density matrix functionals for quantum chemistry
Sarina Sutter	Reduced density matrix functional theory for the canonical ensemble in finite basis set
Iagoba Apellaniz	Gradient Magnetometry with Atomic Ensembles