



Workshop on Quantum Information Theory and Thermodynamics at the Nanoscale
Al Hoceima, Morocco 2 - 6 March 2020

POSTER SESSION - PRELIMINARY LIST OF POSTER PRESENTATIONS

Presenting author	Poster title
Sanaa ABAACH	Higher dimensional quantum correlations in a quantum dot chain
Hicham AIT MANSOUR	Quantum Correlations Dynamics In Two Coupled Semiconductor In Quantum Dots
Fadwa BENABDALLAH	A comparative study of thermal quantum discord based on linear entropy and entanglement of qutrit-qubit mixed spin chain model under the influence of external magnetic field
Christelle EKOSSO MANKEM	Information processing and thermodynamic properties of microtubules
Khadija EL ANOUZ	Teleporting quantum fisher information for even and odd coherent states
Oumayma EL BIR	Optomechanical correlations under the effect of a thermal environment in a triangular optomechanical cavity
Faiçal EL OUADRHIRI	Low-cost Activated carbon from Moroccan date seed wastebiomass by Hydrothermal Carbonization for Dye adsorption: Optimization of synthesis conditions and Kinetics studies
Florette Corinne FOBASSO MBOGNOU	Life time and dynamics of polaron and Bipolaron in graphene nanoribbon under laser
Nicolas GIGENA	One-body entanglement as a resource in fermion systems
Youssef KHLIFI	Quantum thermal machine (QTM) with Heisenberg XXZ model
Levente MATHE	Quantum transport through a quantum dot coupled to a Majorana ring in the presence of phonon modes
Chibueze Paul ONYENEGECHA	Solutions of Schrödinger Equation and Thermodynamics with modified Möbius square plus Kratzer potential
Larisa-Milena PIORAS-TIMBOLMAS	Superconducting qubits for analog quantum simulation - The readout
Mariana SALDO-MEJIA	Quantum thermometry in the ultra-strong coupling regime of the Hopfield model

Presenting author**Poster title**

Sangeeth SASEENDRAN

Resonant energy transfer and TADF: a real time view

Sanaa SEDDIK

Quantum Fisher Information and Quantum Metrology