



# XXII Meeting of Physics 2022

## Thursday 15 December 2022

### parallels - Plataforma zoom del XXII Meeting of Physics (13:55-14:15)

time	[id] title	presenter
13:55	[134] Aplicaciones del GeoGebra en la enseñanza del Movimiento Proyectiles	CASTILLO CORZO, Miguel Ángel

# Friday 16 December 2022

## **parallels: Solid State Physics - Plataforma zoom del XXII Meeting of Physics (09:00-10:30)**

time	[id] title	presenter
09:00	[110] An atomistic study on thermal transport in B-C-N graphitic systems and heterojunctions: Influence of concentration and temperature.	Dr CUBA SUPANTA, Gustavo
09:30	[108] Thin films of transition metal dichalcogenides for energy storage applications: an ab initio many body perturbation approach	Dr VILLEGAS, Cesar E. P.
10:00	[127] Optical bandwidth estimate of graphene oxides and multilayers of reduced graphene oxides	Mrs PEREZ CARREÑO, ADELA

## **parallels - Plataforma zoom del XXII Meeting of Physics (11:45-12:15)**

time	[id] title	presenter
11:45	[130] Método Alternativo para la obtención de tomogramas de árboles utilizando sensores piezoeléctricos	Mr AYALA LARA, Victor

# Saturday 17 December 2022

## parallels: Fields & Cosmology - Plataforma zoom del XXII Meeting of Physics (09:00-10:20)

-Conveners: Teofilo Vargas; Fulgencio Villegas

time	[id] title	presenter
09:00	[116] The Alcubierre metric and the superluminal interstellar travels in general relativity	Mr NEYRA, Victor
09:20	[125] Un acercamiento a la holografía a través del agujero negro BTZ	Ms BONIFACIO CHÁVEZ, Jahaira
09:40	[124] Traversable wormholes, holography and strings	RIVERA, Cristian
10:00	[126] Black hole stability under odd-parity perturbations in Horndeski gravity	Mr ARROYO CÓNDOR, Jeferson

## parallels - Plataforma zoom del XXII Meeting of Physics (14:00-14:15)

time	[id] title	presenter
14:00	[117] Oscilación de Neutrinos mediante violación del Principio de Equivalencia	Mr FRANCO ALVA, Jesse

## parallels - Plataforma zoom del XXII Meeting of Physics (16:30-17:00)

time	[id] title	presenter
16:30	[118] Caracterización de tres centelladores de 1.5"x1.5", 2"x2" y 3"x3" para la puesta a punto de una cadena para espectroscopia gamma	Dr VILLARREYES PEÑA, Eduardo Gonzalo
16:45	[115] Influence of the isotropic prompt neutron emission on the average prompt neutron multiplicity and the total kinetic energy distribution as a function of fragment mass measured by the 2E technique for $^{235}\text{U}$ (nth, f)	Prof. MONTOYA ZAVALETA, Modesto Edilberto