

XX Meeting of Physics 2021i

Thursday 12 August 2021

key notes: key notes (09:30-10:30)

-Conveners: Carlos Javier Solano Salinas

time	[id] title	presenter
09:30	[35] Quantum Computing: from science to technology	Prof. SOLANO, Enrique

key notes (10:45-12:05)

-Conveners: Carlos Javier Solano Salinas

time	[id] title	presenter
10:45	[36] Wave-particle duality and the quantum-classical boundary	Prof. DE ZELA, Francisco
11:25	[44] Geophysical Techniques in Andean Archeology	Dr MASINI, Nicola

key notes: key notes (13:00-14:35)

-Conveners: Renato Tovar Landeo

time	[id] title	presenter
13:00	[29] Description of the black-hole geometry in alternative theories of gravity	ZHIDENKO, Alexander
13:50	[49] The Exoplanet Zoo	Dr CHAVERO, Carolina

key notes: key notes (15:15-15:45)

-Conveners: Ener Salinas

time	[id] title	presenter
15:15	[12] Impact of the density discontinuity on radial pulsation and tidal deformability of neutron stars	Prof. ARBAÑIL, José

key notes: Medical Physics (16:30-17:30)

-Conveners: Carlos Javier Solano Salinas

time	[id] title	presenter
16:30	[38] Applications of Physics in the development of vaccines and treatments against COVID-19	Dr ZIMIC, Mirko

Friday 13 August 2021

key notes: key notes (09:00-10:30)

-Conveners: **María Isela Zevallos Herencia**

time	[id] title	presenter
09:00	[23] How rare are the Sun and our Solar System?	MELLENDEZ, Jorge
09:50	[4] On the boundary conditions for three-dimensional AdS Supergravity	VALCARCEL, Carlos

key notes: key notes (10:45-11:15)

-Conveners: **Maria Isela Zevallos**

time	[id] title	presenter
10:45	[10] Simulación electromagnética de nanoantenas plasmónicas de oro cubiertas	Dr LEON HILARIO, Misael

key notes: key notes (13:25-15:15)

-Conveners: **Julio Tello; Andres La Rosa**

time	[id] title	presenter
13:25	[5] Quantum Interference with Light Beams	Prof. GALVEZ, Enrique
14:05	[11] Generación de entrelazamiento por fluctuaciones del vacío y el efecto Unruh	Dr ARIAS , Enrique
14:45	[41] Transporte en el borde de un tokamak - visión numérica	BALBIN ARIAS, Julio

key notes: key notes (16:00-18:00)

-Conveners: **Andres La Rosa; Julio Tello**

time	[id] title	presenter
16:00	[53] Applications of astronomical polarimetry	PEREYRA, Antonio
16:30	[54] Atmospheric Chemistry: Energetic properties of Sulphur-containing species	DAVALOS PRADO, JUAN Z
17:00	[19] DFT techniques for interpretation and solution of significant practical problems	Prof. ALARCO, Jose

Saturday 14 August 2021

key notes: key notes (09:00-10:30)

-Conveners: Cesar Castromonte

time	[id] title	presenter
09:00	[24] Stepping to burning plasmas and peaceful use of nuclear fusion	GHENDRIH, Philippe
09:45	[32] The CMB anomalies: a brief review	BERNUI, Armando

key notes (10:45-11:25)

-Conveners: Cesar Castromonte

time	[id] title	presenter
10:45	[51] Aplicación de la Inteligencia Artificial Para la Detección de Fallas Geológicas.	Dr JANAMPA ANANOS, Gino

key notes: key notes (15:25-15:55)

time	[id] title	presenter
15:25	[30] LAS LUCES DE TERREMOTO M 7.8 DE GUAYAQUIL DEL 16 DE ABRIL DE 2016	Prof. LIRA CACHO, Juan Antonio

key notes (16:30-17:00)

time	[id] title	presenter
16:30	[27] Electromagnetically rotating immersed object for stirring operation in a continuous glass melting tank furnace based on the Tesla "Columbus egg" demonstrator	Dr SALINAS, Ener