

XX Meeting of Physics 2021i

Thursday 12 August 2021

parallels: parallels 1 (14:35-15:15)

| time | [id] title | presenter |
|-------|--|---------------------------------|
| 14:35 | [17] Implementing Acoustic Clamp-mode Sensing with MyRio Field-programable-gate-array | ZAIDI, Umair LA ROSA, Andres |
| 14:55 | [20] Estrellas de neutrones anisotrópicas: influencia de un núcleo anisotrópico en la estructura estelar | TREMOLADA, Alexis |

parallels: parallels (16:00-16:30)

-Conveners: Carlos Javier Solano Salinas

| time | [id] title | presenter |
|-------|---|------------------------------|
| 16:00 | [58] FABRICACIÓN DE ELECTRODOS A BASE DE ÓXIDOS DE GRAFENO REDUCIDOS PARA BIOSENSORES VIRALES | ZUNIGA PRADO, JOSE MIGUEL |

Friday 13 August 2021

parallels: paralelas (11:15-12:15)

-Conveners: Maria Isela Zevallos

| time | [id] title | presenter |
|-------|---|----------------------------------|
| 11:15 | [6] Autofunciones del operador biarmónico | PAREDES CABREL, Alejandro Daniel |
| 11:35 | [26] DETERMINACIÓN DE LA TEMPERATURA Y DENSIDAD ELECTRÓNICA EN NEBULOSAS GASEOSAS FOTOIONIZADAS | Mr MILLÁN CALDERÓN, Juan Andrés |
| 11:55 | [21] Correlaciones Cuánticas en Estados Gato Gravitacional | Dr MOISES, Rojas |

parallels: parallels (13:05-13:25)

-Conveners: Julio Tello; Andres La Rosa

| time | [id] title | presenter |
|-------|---|-----------------------|
| 13:05 | [18] FPGA Photon Coincidence Counting with National Instruments | OATES LARSEN, Georges |

parallels: paralelas (15:15-15:45)

-Conveners: Julio Tello; Andres La Rosa

| time | [id] title | presenter |
|-------|---|-----------------------------|
| 15:15 | [50] CHERENKOV WATER DETECTOR CALIBRATION BY DETECTED MUONS SIGNALS | MACHADO, Franz |
| 15:30 | [14] Coulomb's law deviation in the Podolsky's electromagnetism | SOTO NICOLL, Carlos Enrique |

Saturday 14 August 2021

parallels: paralelas (11:25-12:05)

-Conveners: Cesar Castromonte

| time | [id] title | presenter |
|-------|---|----------------------------|
| 11:25 | [56] Avances en el desarrollo del Tomógrafo Muónico para pruebas no invasivas de objetos geofísicos | Mr OTINIANO ORMACHEA, Luis |
| 11:45 | [31] Evaluation of the Peak-Sun Hour on a Tilted Surface in the City of Juliaca | QUISPE HUAMAN, LELIA |

parallels (13:00-15:25)

| time | [id] title | presenter |
|-------|--|---------------------------------------|
| 13:00 | [25] Real-time inspection and fault detection for large photovoltaic arrays based on drones and deep learning algorithms | Mr YU, Runze |
| 13:20 | [22] AUTOFOCUS DIELECTROTHERMIA (DTAF) AS A TECHNIQUE FOR THE TREATMENT OF COVID19 BY MEANS OF NON- INVASIVE AND NON-IONIZING ELECTROMAGNETIC ENERGY | Ms VALENCIA AMADOR , FERNANDO ENRIQUE |
| 13:45 | [28] Un enfoque interdisciplinar del cáncer (y sus tratamientos) usando modelos determinísticos y simulaciones numéricas | Prof. PALOMINO CASTRO, Sonia Elena |
| 14:15 | [52] Estudio del efecto de superficie en la adsorción de H ₂ O sobre b-PbO ₂ | Mr GOMEZ QUISPE, Juan Rafael |
| 14:35 | [55] Simulación de la dependencia de la temperatura de Curie con el tamaño y forma para nanopartículas de Fe, Co, Ni y Gd. | TERRAZAS PALOMINO, Angel |
| 15:00 | [57] Estudio de la extinción interestelar en nebulosas planetarias | Ms MAMANI BURGOS, Katia Kamura |

parallels: paralelas (16:10-16:30)

| time | [id] title | presenter |
|-------|----------------------------|------------------------------|
| 16:10 | [34] Holographic Universes | Dr RODRIGUEZ BENITES, Carlos |