



# Table of contents

Thursday 06 June 2024 .....	1
-----------------------------	---

# RADPyC2024

## Thursday 06 June 2024

### Parallel talks: Parallel+Coffee - (14:30-17:00)

time	title	presenter
14:30	Instrumentación para Transmisión Cuántica de una Llave Criptográfica	AGUILAR RIVERA, Carolina Marisol
14:45	Energy spectrum of models in quantum mechanics using Monte Carlo simulations	RESENDIZ VIEYRA, Mario Alberto
15:00	Exploring Bicomponent Dark Matter and Neutrino Mass Generation in a Standard Model Extension	MELARA, Sheryl
15:15	Dark Inflation: Un modelo de inflación y materia oscura	GORDILLO RUIZ, Hansel Argyll
15:30	Nuevas Posibilidades para la Materia Oscura Mas Allá del WIMP	FITZPATRICK, Patrick
15:45	Model for Direct Detection of Dark Matter with SU(2) Custodial Symmetry	JIMÉNEZ ROMÁN, Juan
16:00	FSRQ como progenitores de neutrinos de altas energías	GALVÁN, Antonio
16:15	Trasgo network and the Chaneke detector development at BUAP	RUIZ HERNÁNDEZ, Oliver Isac
16:30	Detector portátil de partículas provenientes de rayos cósmicos secundarios	AGUILAR RIVERA, Carolina Marisol
16:45	Authentic Majorana versus singlet Dirac neutrino contributions to $\mu\text{-}\mu\text{-}\rightarrow\blacksquare\text{-}\blacksquare\text{-}$ ( $\blacksquare=e,\tau$ ) transitions	HERNÁNDEZ-TOMÉ, Gerardo