

Table of contents

Tuesday 21 October 2025	1
Wednesday 22 October 2025	2

XIX Mexican Workshop on Particles and Fields, 2025

Tuesday 21 October 2025

Parallel Talks - 2 - Auditorio Edificio G (15:45-17:00)

time	title	presenter
15:45	Phenomenology of the DarkBS Model	BECERRIL HERNÁNDEZ, Gustavo
16:00	Assessing the Sensitivity of Hyper-Kamiokande to Different CCSN AND SN Ia models	GALARZA BALLESTEROS, Sergio de Jesus
16:15	Implications on the neutrino fog in the case of Isospin-violating Dark Matter	LAMPREA, Mario
16:30	Gravitational Physics from Quantum Scattering Amplitudes	ALONZO-ARTILES, Allan
16:45	Study of Luminosity Systematic Uncertainties in the CMS Experiment at the LHC	VELAZQUEZ AGUILERA, Elena

Parallel Talks - 2 - Auditorio Edificio G (17:30-18:30)

time	title	presenter
17:30	Performance Assessment of Plastic Scintillator Bars for the ALICE-3 Muon Identifier	VASQUEZ-BELTRAN, Yael Antonio
17:45	OUTPUT ELECTRONIC CIRCUIT FOR THE EMI 9954 B PHOTOMULTIPLIER TUBE	ALVAREZ ARREDONDO, César
18:00	Renormalization of massless matter fields in the $(1,0) \oplus (0,1)$ representation.	RANGEL PANTOJA, Armando De La Cruz

Wednesday 22 October 2025

Parallel Talks - 2 - Aula C2 (16:00-17:00)

time	title	presenter
16:00	Semileptonic tau decays to 3 $\ell \nu_e$ mesons	GUEVARA, Adolfo
16:15	Phenomenology of Decaying Dark Matter	SAN JUAN VILLEGAS, Ana Fernanda
16:30	Top-antitop pair production in electron-positron collisions with an Effective Field Theory perspective	VILLASEÑOR INDA, Pablo
16:45	Description of the softened hadron production at LHC energies	ROSALES HERRERA, Diana

Parallel Talks - 2 - Aula C2 (17:30-18:30)

time	title	presenter
17:30	Detection and study of photons produced in Aluminium block by incidence of cosmic rays	TORRES LUNA, Luis Alberto PINEDO GUADARRAMA, Carlos
17:45	Confronting the ALICE measurements of small system QGP-like effects with Monte-Carlo simulations	SAHU, Dushmanta
18:00	SMALL-NaI(Tl)-COSMIC RAY DETECTOR	HERNÁNDEZ, Orlando
18:15	ResNet-based e/mu classification and kinematic reconstruction for the IWCD detector (simulated)	RODRIGUEZ PRADO, Gilberto