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XVIII Mexican Workshop on Particles and Fields

Monday 21 November 2022

MORNING SESSION II - Sala de Proyecciones (11:20-12:55)

- Conveners: Dr. Fernandez Tellez, Arturo; Dr. Fernandez Tellez, Arturo

time	title	presenter
11:20	photon-photon physics at CMS	ARTEAGA ESCATEL, Saray ARTEAGA ESCATEL, Saray
11:35	ONLINE: Top quark effective couplings from top-pair tagged photoproduction in pe^+e^- collisions	BOUZAS, Antonio
11:50	ONLINE: Particle production and correlations in photo-induced and diffractive events	MURILLO QUIJADA, Javier Alberto MURILLO QUIJADA, Javier Alberto
12:05	ONLINE: The Codex-b experiment	WILKINSON, Michael K.

Tuesday 22 November 2022

MORNING SESSION II: MORNING SESSION II - Sala de Proyecciones (10:30-12:05)

- **Conveners: Dr. León Vargas, Hermes; León Vargas, Hermes**

time	title	presenter
10:30	The Quark Propagator in the Light Cone Gauge	LOPEZ CALDERON, Alfonso Aldair
10:45	Jet Fragmentation Properties with CMS Open-Data	ARIAS SANTIZ, Saksevul
11:00	Scalar and gauge sectors in the 3-Higgs Doublet Model under the S3 symmetry	PÉREZ MARTÍNEZ, Adriana
11:15	Amplitudes: A modern approach to QFT and Gravity	DIAZ-CRUZ, Lorenzo DIAZ-CRUZ, Lorenzo DIAZ-CRUZ, Lorenzo

Wednesday 23 November 2022

MORNING SESSION II: MORNING SESSION II - Sala de Proyecciones (11:20-12:55)

- Conveners: Dr. Valencia Palomo, Lizardo

time	title	presenter
11:20	The role of the ρ from a global analysis of low energy observables in the VMD model	TOLEDO, Genaro
11:35	Masses of Excited Mesons	PAREDES TORRES, Gustavo
11:50	ONLINE: Gluon mass generation	WEBER, Axel
12:05	QGP in small systems	BIANCHI, Livio

Thursday 24 November 2022

MORNING SESSION II: MORNING SESSION II - Sala de Proyecciones (11:20-12:55)

- Conveners: Dr. León Vargas, Hermes; León Vargas, Hermes

time	title	presenter
11:20	ONLINE: Scrutinizing the structure of the pion	RAYA, Khépani
11:35	Michel parameters in the presence of massive Dirac and Majorana neutrinos	MARQUEZ, Juan
11:50	Prospects for measuring ν -Ar cross-section and muon neutrino event selection using the NuMI neutrino beam @ ICARUS	MORENO GRANADOS, Guadalupe MORENO GRANADOS, Guadalupe
12:05	ONLINE: Searching of new physics with low-energy neutrinos	MIRANDA, Omar

Friday 25 November 2022

MORNING SESSION II: MORNING SESSION II - Sala de Proyecciones (11:20-12:55)

- Conveners: Dr. Alvarez, David Edwin

time	title	presenter
11:20	ONLINE: Core Corona Model: A tool to study hyperon global polarization using the Multi Purpose Detector at NICA energies	MALDONADO, Ivonne MALDONADO CERVANTES, Ivonne Alicia
11:35	Interacciones efectivas de Yukawa y texturas universales.	ESCORCIA RAMÍREZ, Raúl Guillermo
11:50	Reduction of couplings in two-Higgs-doublet models with natural flavour conservation	MAY PECH, Miguel Angel
12:05	ONLINE: Data analysis in industry	SANCHEZ, Xitzel