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# XVIII Mexican Workshop on Particles and Fields

## Monday 21 November 2022

### **AFTERNOON SESSION I - Sala de Proyecciones (14:00-15:40)**

- **Conveners: Dr. Martínez Hernández, Mario Iván**

time	title	presenter
14:00	ONLINE: Luminosity measurements in LHC experiments	PASZTOR, Gabriella
14:50	Muon Experiments present and future	CHÁVEZ, Carlos

# Tuesday 22 November 2022

## AFTERNOON SESSION I: AFTERNOON SESSION I - Sala de Proyecciones (14:00-15:40)

- Conveners: Mr. Reyes Pérez, Jonathan

time	title	presenter
14:00	Radiative corrections in semileptonic tau decays and new physics test	ROIG, Pablo
14:50	Lorentz violation in electromagnetic moments of fermions	NOVALES SÁNCHEZ, Héctor NOVALES, Héctor

## Wednesday 23 November 2022

### AFTERNOON SESSION I: AFTERNOON SESSION I - Sala de Proyecciones (14:00-15:40)

- Conveners: Dr. Valencia Palomo, Lizardo

time	title	presenter
14:00	Cosmic Ray Extremely Distributed Observatory, CREDO	ALVAREZ CASTILLO, David Edwin
14:50	Characterization of the background for a neutrino search with HAWC observatory	LEÓN VARGAS, Hermes LEÓN VARGAS, Hermes

# Thursday 24 November 2022

## **AFTERNOON SESSION I: AFTERNOON SESSION I - Sala de Proyecciones (14:00-15:40)**

- **Conveners: Dr. Martínez Hernández, Mario Iván**

time	title	presenter
14:00	International Particle Physics Outreach Group: Celebrating 25 years of global engagement	GOLDFARB, Steven
14:50	LHCb summary talk	MULDER, Mick

## Friday 25 November 2022

### AFTERNOON SESSION I: AFTERNOON SESSION I - Sala de Proyecciones (14:00-16:00)

- Conveners: Dr. Caballero Mora, Karen Salomé

time	title	presenter
14:00	Off-shell couplings	HERNÁNDEZ JUÁREZ, Alan Ignacio
14:50	Search for heavy resonances decaying to ZZ or ZW and axion-like particles nonresonant ZZ or ZH production at 13 TeV	REYES ALMANZA, Rogelio
15:40	Phenomenological analysis of $D_s^+ \rightarrow \pi^+ \mu^+ \mu^-$ decay	SÁNCHEZ GARCÍA, Marxil