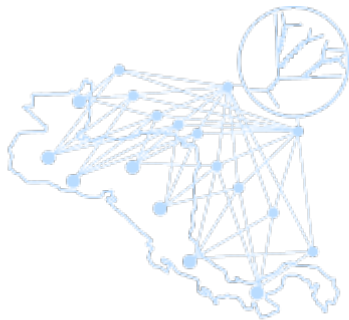


## **Session Program**

**16 November 2020 to 4 December 2020**



# **Meeting of High Energy Physics, Cosmology and High Energy Astrophysics**

***Plenary talk***

## Thursday 26 November

09:00

### Plenary talk

**Session** | **Location:** Virtual Event

09:00–10:00

#### Unveiling the nature of dark matter: a multi-faceted search program

**Speaker**

Francesca Calore

10:00

10:30

### Plenary talk

**Session** | **Location:** Virtual Event

10:30–11:30

#### Dark Matter Searches in Colliders

**Speaker**

Thiago Tomei Fernandez

11:30

## Friday 27 November

09:00

### Plenary talk

**Session** | **Location:** Virtual Event

09:00–10:00

#### Real Time Analysis at LHCb Experiment

**Speaker**

Xavier Vilasis Cardona

10:00

10:30

### Plenary talk

**Session** | **Location:** Virtual Event

10:30–11:30

#### Jet tagging at the LHC with Machine Learning

**Speaker**

Mr Bryan Zaldivar

11:30

## Monday 30 November

09:00

### Plenary talk

**Session** | **Location:** Virtual Event

09:00–10:00

**Beyond the Standard Model at the LHC: Using Machine Learning to Search for New Physics in All-Hadronic  $t\bar{t}$  Final States**

**Speaker**

Johan Sebastian Bonilla

10:00

# Tuesday 1 December

09:00

## Plenary talk

**Session** | **Location:** Virtual Event

09:05–10:05

### Very-high-energy photons and Neutrinos, and Gravitational waves from GRBs and Blazars

#### Speaker

Dr Nissim Fraija

10:05–11:05

### Highlights from The HAWC Observatory

#### Speaker

Dr Ruben Alfaro

11:05

## Thursday 3 December

09:30

### Plenary talk

**Session** | **Location:** Virtual Event

09:30–10:30

#### Direct Dark Matter Searches

##### Speaker

Prof. Alvaro Chavarria

10:30

11:00

### Plenary talk

**Session** | **Location:** Virtual Event

11:00–12:00

#### LAGO: El Observatorio Latinoamericano Gigante Estado Actual y Perspectivas Futuras

##### Speaker

Ivan Sidelnik

12:00

## Friday 4 December

09:00

10:00

### Plenary talk

**Session** | **Location:** Virtual Event

09:00–10:00

**LASF4RI**

**Speaker**

Marta Losada