

## Session Program

27-28 Jun 2024



## **Fifth Joint Workshop IGFAE/LIP | IGFAE's 2024 Retreat (CANCELLED!)**

### ***IGFAE activities***

Centro de Estudos Avanzados  
Santiago de Compostela Parque de Vista Alegre. Rúa das Salvadas, s/n 15782 [https://www.usc.gal/gl/  
edificio/centro-estudos-avanzados](https://www.usc.gal/gl/edificio/centro-estudos-avanzados)

## Friday 28 June

12:15

### IGFAE activities: Session on administrative matters

**Session** |

**Location:** Centro de Estudos Avanzados, Santiago de Compostela Parque de Vista Alegre. Rúa das Salvadas, s/n 15782 <https://www.usc.gal/gl/edificio/centro-estudios-avanzados>

12:45

15:00

### IGFAE activities: Reports of scientific activities

**Session** |

**Location:** Centro de Estudos Avanzados, Santiago de Compostela Parque de Vista Alegre. Rúa das Salvadas, s/n 15782 <https://www.usc.gal/gl/edificio/centro-estudios-avanzados>

15:00-15:10 **Beyond the SM searches with LHCb**

15:10-15:20 **Hot and dense QCD in the LHC era and beyond**

15:20-15:30 **String theory and related fields**

15:30-15:40

**Extremely energetic cosmic rays and neutrinos - Large exposure experiments**

15:40-15:50 **Dark Matter and the nature of neutrinos**

15:50-16:00 **Gravitational Waves**

16:00-16:10

**The structure of the nuclear many-body systems and its astrophysical and cosmological implications**

16:10-16:20

**Exploitation of the Laser Laboratory of Acceleration and Applications (L2A2) at USC**

**Speaker**

Aaron Alejo Alonso

16:20-16:50 **Discussion**

16:50