

## Session Program

9-10 May 2023



**IGFAE**

Instituto Galego de Física de Altas Enerxías



**XUNTA  
DE GALICIA**

**IGFAE workshop on technologies and applied  
research at the future Galician proton-therapy  
facility**

***M2: Treatment Monitoring***

## Wednesday 10 May

11:45

### M2: Treatment Monitoring

**Session** |**Location:** Sala de Debates Centro de Estudios Avanzados (CEA) Parque de Vista Alegre Rúa Salvadas s/n 15705 Santiago de Compostela |**Convener:** Antonio Fernandez Prieto

11:45–12:05

#### A New Strategy for Range Verification in Proton Therapy: the Coaxial Approach

**Speaker**

FERNANDO HUESO GONZALEZ

12:05–12:25

#### Monitoring proton therapy treatments with in-beam positron emission tomography or with a multislat prompt-gamma camera: simulation results

**Speaker**

Paulo Crespo

12:25–12:45

#### MACACO imaging system for hadron therapy treatment monitoring.

**Speaker**

Gabriela Llosa Llacer

12:45–13:05

#### Online beam monitoring detector for FLASH irradiations

**Speaker**

Dr Paula Ibáñez

13:05–13:25

#### Proton range verification using protoacoustics and artificial intelligence

**Speaker**

Prof. JOAQUIN LOPEZ HERRAIZ

13:25