

Session Program

3 July 2025

IGFAE Retreat 2025

Highlights of IGFAE research programmes

Instituto Galego de Física de Altas Enerxías
Rúa Xoaquín Díaz de Rábago, s/n

Thursday 3 July

10:20

Highlights of IGFAE research programmes

Session

10:20–10:30 **String theory and related fields**

10:30–10:40

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

10:40–10:50 **Gravitational Wave Astronomy**

10:50–11:00 **Dark Matter and the nature of neutrinos**

11:00–11:30 **Coffee Break**

11:30–11:40

Extremely energetic cosmic rays and neutrinos - Large exposure experiments

11:40–11:50 **Hot and dense QCD in the LHC era and beyond**

11:50–12:00 **Beyond the SM searches with LHCb**

12:00–12:10

Exploitation of the Laser Laboratory of Acceleration and Applications (L2A2)

12:10–13:00 **Discussion / Buffer time**

13:00