

Session Program

22-26 Sept 2025



20th Patras Workshop on Axions, WIMPs and WISPs

Afternoon - 2

Monday 22 September

16:20

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Session |**Location:** IACTEC building C. Rectora María Luisa Tejedor Salguero, 13 38320 La Laguna, Santa Cruz de Tenerife Spain

16:20–16:40

Constraining Axions with Quantum Technology

Speaker

Sreemanti Chakraborti

16:40–17:00

Quantum Sensors for Dark Matter

Speaker

Rakshya Khatiwada

17:00–17:20

Updates on the Axion Longitudinal Plasma Haloscope (ALPHA) Phase I Construction

Speaker

Max Silva-Feaver

17:20–17:40

Recent Progress on Axions in String Theory

17:40–18:00

Angular redshift fluctuations as an alternative cosmological probe in times of cosmic tensions

Speaker

Dr Carlos Hernández-Monteagudo

18:00–18:20

Axion Quark Nuggets as strongly interacting DM objects in Earth's atmosphere

Speaker

Prof. Ariel Zhitnitsky

18:20