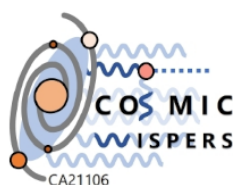


Session Program

9-12 Sept 2025



3rd General Meeting of COST Action COSMIC WISPERs (CA21106)

WG2 (Dark matter & Cosmology)

Sofia, Bulgaria, Sofia University Main Building
Sofia Center, Tsar Osvoboditel Blvd 15, 1504 Sofia, Bulgaria

Tuesday 9 September

15:30

WG2 (Dark matter & Cosmology)

Session |

Location: Sofia, Bulgaria, Sofia University Main Building, Sofia Center, Tsar Osvoboditel Blvd 15, 1504 Sofia, Bulgaria

15:30–15:50

Scalar Fields with Quadratic Couplings to Matter around Cavities

Speaker

Angus Macdonald

15:50–16:10

TBA

Speaker

Alessandro Lenoci

16:10–16:30

Constraining ALPs with Cosmic Microwave Background Polarization Birefringence

Speaker

Matteo Galaverni

16:30

16:50

WG2 (Dark matter & Cosmology)

Session |

Location: Sofia, Bulgaria, Sofia University Main Building, Sofia Center, Tsar Osvoboditel Blvd 15, 1504 Sofia, Bulgaria

16:50–17:10

WISP Dark Matter: What's Missing?

Speaker

María Benito

17:10–17:30

Dark matter production from axion portal

Speaker

Tommaso Sassi

17:30–17:50

Emission of spin-2 Particles from the Sun

Speaker

Camilo Garcia Cely

18:10

Thursday 11 September

09:30

WG2 (Dark matter & Cosmology)

Session |**Location:** Sofia, Bulgaria, Sofia University Main Building, Sofia Center, Tsar Osvoboditel Blvd 15, 1504 Sofia, Bulgaria

09:30–10:10

New Opportunities for Ultralight DM Search with Stochastic Fluctuations

Speaker

Hyungjin Kim

10:10–10:50

Cosmological tests of the nature of dark matter

Speaker

Keir Rogers

10:50

11:20

WG2 (Dark matter & Cosmology)

Session |**Location:** Sofia, Bulgaria, Sofia University Main Building, Sofia Center, Tsar Osvoboditel Blvd 15, 1504 Sofia, Bulgaria

11:20–12:00

Cracks in the Standard Cosmological Model: Anomalies, Tensions, and Hints of New Physics

Speaker

Eleonora Di Valentino

12:00–12:40

Gravitational probes of ultralight dark matter

Speaker

Kfir Blum

12:40