Session Program

Sep 3 – 6, 2024

Funded by the European Union

2nd General Meeting of COST Action COSMIC WISPers (CA21106)

WG3 (Astrophysics)

Istinye University, Istanbul (TR) , Vadi H Campus - Conference Room
Istinye University, Vadi H Campus, Ayazağa Mah. Azerbaycan Cad. (Vadistanbul 4A Blok) 34396 Sarıyer/Istanbul, Turkiye

Wed, September 4

11:20 AM

WG3 (Astrophysics): WG3 (Astrophysics)

Session |

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11:20 AM – 12:00 PM **Direct and indirect detection of the QCD axion**

Speaker
Luca Visinelli

12:00 PM

3:30 PM

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3:30 – 3:50 PM **Detection of scalar and vector particles from the Sun**

Speaker
Tomas O'Shea

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3:50 – 4:10 PM

WISPs, WIMPs, and Gammas: Searches for New Physics with the Fermi Large Area Telescope

Speaker
Milena Crnogorcevic

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4:10 – 4:30 PM

Anomaly Induced Supernovae Cooling: New Contribution from Axions

Speaker
Miguel Vanvlasselaer

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4:30 PM

5:00 PM

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5:00 – 5:20 PM **Self-gravity of boson clouds from superradiant clouds**

Speaker
Alessandro Lenoci

5:20 – 5:40 PM **Axions from Very-high Energy Phenomena**

Speaker
Oindrila Ghosh

5:40 – 6:00 PM

The capabilities of the Theseus space mission for probing dark matter

Speaker
Lindita Hamolli

6:00 PM

Fri, September 6

9:00 AM

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9:00 – 9:40 AM **Transition edge sensors for axion searches in ALPS II and beyond**

Speaker
Manuel Meyer

9:40 – 10:20 AM **Axion conversion in the solar magnetic field**

Speaker
Elisa Todarello

10:20 AM

11:20 AM

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11:20 AM – 12:00 PM **Ultralight Bosons and Black Holes**

Speaker
Mateja Boskovic

12:00 PM