

CA21106 - COSMIC WISPerS in the Dark Universe: Theory, astrophysics and experiments (CosmicWISPerS)

Report on WG2 activities

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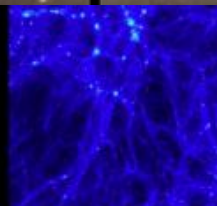


UNIVERSIDAD
COMPLUTENSE
MADRID



MultiDark

Multimessenger Approach
for Dark Matter Detection



GOBIERNO
DE ESPAÑA

MINISTERIO
DE CIENCIA
E INNOVACIÓN

COST: Organization

Leader: Alessandro Mirizzi

Working Groups

Number	Title
1	WG1: WISPs Model Building
2	WG 2: WISPs Dark Matter and Cosmology
3	WG 3: WISPs in Astrophysics.
4	WG4: Direct WISPs searches.
5	WG 5: Dissemination and Outreach

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Nick Rodd & Javier Redondo

Working Group 2: Overview

Stated objective: Obtain precise predictions of axion and WISP DM relic abundance, and identify distinguishing features of WISP DM in Large Scale Structure data.

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Practical goals:

- Bring together experts thinking about WISP dark matter and cosmology with a view to accelerating existing research directions, creating new directions, and identifying the main bottlenecks to progress on both
- Generating a draft [year 1], interim [year 2], and final [year 4] summary report on WISPs and cosmology

Working Group 2: Initial activities

Initial plan for WG2:

- Establish a discussion forum
- Organize focussed meetings on specific topics

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slack