

Session Program

2-7 Jun 2024

**Exploring the Dark Side of the Universe Tools
2024 - 5th World Summit**

Dark Matter 4

Île de Noirmoutier, France
'Village des Quatre Vents' L'Épine

Friday 7 June

13:30

Dark Matter 4: Axions and Indirect DM

Session | **Location:** Île de Noirmoutier, France, "Village des Quatre Vents" L'Épine | **Convener:** Julien MASBOU

13:55-14:20 Exploring dark matter models with global fits

Speaker

Tomas Gonzalo

14:20-14:45

Gaseous detectors in light dark matter searches: The case of NEWS-G and MIGDAL experiments

Speaker

Kostas Nikolopoulos

14:45-15:00

Exploring Potential: ALPS II's TES Detection System for Direct Dark Matter Investigations

Speaker

Christina Schwemmbauer

15:00-15:15

New results for thermal axion production in the early Universe

Speaker

Killian Bouzoud

15:15