

## **Session Program**

**2-7 Jun 2024**

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

## ***Dark Matter 1***

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

# Monday 3 June

09:15

## Dark Matter 1: DDM, cryogenics and bolometers

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

09:15–09:40

**Quantum gravity suggests a Dark Matter candidate that does not require new physics beyond the Standard Model and quantum General relativity**

**Speaker**

Carlo Rovelli

09:40–10:05

**Status of Nalce direct dark matter experiments**

**Speaker**

Karoline Schaeffner

10:05–10:30

**New perspective on DM detection : From Edelweiss to Tesseract**

**Speaker**

Alex Juillard

10:30–10:55

**Super CDMS overview and status**

**Speaker**

Madeleine Zurowski

10:55–11:10

**The SABRE South Experiment at the Stawell Underground physics Laboratory**

**Speaker**

Owen Stanley

11:10