

Session Program

23–30 mars 2025

59th Rencontres de Moriond - EW+U 2024

Friday Morning : dark matter, axions and cosmology

La Thuile, Italy

ven. 28 mars

08:30

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Session | Site: La Thuile, Italy | Convener: Louis Fayard

08:30 – 08:45 **Status of H0 tension****Orateur**

Martin Schmaltz

08:50 – 09:05 **Dark Matter Axion Search with HAYSTAC Phase II****Orateur**

Alex Droster

09:10 – 09:25 **Cosmological Consequences of Unconstrained Gravity and Electromagnetism****Orateur**

David Kaplan

09:30 – 09:45 **First searches for axion and dark photon dark matter using MADMAX prototypes****Orateur**

David Leppla-Weber

09:50 – 10:05 **Gravitational waves: present and future****Orateur**

Valerie Domcke

10:40 – 10:55 **Latest results from DESI****Orateur**

Christophe Yèche

11:00 – 11:15 **Connecting Cosmic Inflation to Particle Physics with Multi Wavelength Observations****Orateur**

Marco Drewes

11:20 – 11:45 **Quantum sensing review****Orateur**

Aaron Chou

11:50 – 12:05

A Tool for Phase Transitions and Primordial Gravitational Waves in Extended Higgs Sectors**Orateur**

Margarete Mühlleitner

12:10