

Session Program

5-9 Oct 2026

Dark Interactions: Standard Model Measurements and Searches for Dark Sector States (DI2026)

Experiment - Invited talks

CERN, 503/1-001 - Council Chamber

Monday 5 October

16:15

Experiment - Invited talks

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Albert De Roeck

16:15–16:40 **Dark sector searches at Fixed target experiments**

Speaker

Dr Luca Marsicano

16:45–17:10 **Dark sector searches at low energy colliders**

Speaker

Luigi Corona

17:15–17:40

Neutrinos in cosmology and their connection to the current cosmological tensions

Speaker

Helena Garcia Escudero

18:05

Tuesday 6 October

11:00

Experiment - Invited talks

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Mounia Laassiri

11:00–11:25 **Direct detection searches for WIMPs**

Speaker

Jacques Pienaar

11:30–11:55

Neutrinos in cosmology and their connection to the current cosmological tensions

Speaker

Stefano Gariazzo

12:00–12:25 **Experimental Searches for Ultra-heavy/composite Dark Matter**

Speaker

Nirmal Raj

12:30

Thursday 8 October

08:30

Experiment - Invited talks

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Diallo Boye

08:30–08:55 Dark matter & dark sector searches at CMS

Speaker

Emery Nibigira

09:00–09:25 Dark matter & dark sector searches at ATLAS

Speaker

Christian Sander

09:30–09:55 Dark sector searches at LHCb

Speaker

Pablo Eduardo Menéndez-Valdés Pérez

10:00

13:00

Experiment - Invited talks

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Christian Sander

13:00–13:25 Dark sector searches at heavy ion colliders

Speaker

David d'Enterria

13:30–13:55 Dark sector searches at FASER

Speaker

Dr Toni Makela

14:00–14:25 Cosmological tensions & implications for dark sectors

Speaker

Camille Francoise Bonvin

14:30

Friday 9 October

09:00

Experiment - Invited talks

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Emery Nibigira

09:00–09:25 Indirect Detection of Dark Matter with Neutrino Telescopes

Speaker

Juan Antonio AGUILAR SANCHEZ

09:30–09:55 Gravitational wave probes of dark sectors

Speaker

Pippa Cole

10:00–10:25 Cosmological probes of dark sectors

Speaker

Dr Jessie Shelton

10:30

11:00

Experiment - Invited talks

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Anne Dabrowski

11:00–11:25 Quantum Information and Its Applications to New-Physics Searches

Speaker

Dr Khushboo Dixit

11:30–11:55 Experimental searches for ultralight dark sectors

Speaker

Ariel Arza

12:00–12:25 Prospects at Future Colliders

Speaker

Karri Folan Di Petrillo

12:30