

Session Program

5-9 Sept 2022

**IPA2022: Interplay between Particle and
Astroparticle physics 2022**

Dark Sector(s) I

TU Wien
Karlsplatz 13, 1040 Wien

Friday 9 September

09:00

Dark Sector(s) I

Session | **Location:** TU Wien, Karlsplatz 13, 1040 Wien | **Convener:** Gianluca Inguglia

09:00–09:30 Dark sector and long-lived particles

Speaker

Susanne Westhoff

09:30–10:00 Searches for very long lived particles at the LHC

Speaker

Cristiano Alpigiani

10:00–10:30 Dark sector searches at NA64(-muon)

Speakers

Laura Molina Bueno, Laura Molina Bueno

10:30

11:00

Dark Sector(s) I

Session | **Location:** TU Wien, Karlsplatz 13, 1040 Wien | **Convener:** Valentyna Mokina

11:00–11:20 LDMX: The Light Dark Matter eXperiment

Speaker

E. Craig Dukes

11:20–11:50 Direct Dark Matter Searches

Speakers

Chamkaur Ghag, Chamkaur Ghag

11:50–12:10

Status of the LUX-ZEPLIN (LZ) Experiment's Search for WIMP Dark Matter

Speaker

Scott Haselschwardt

12:10–12:30 Search for dark matter with XENONnT

Speaker

Andrea Molinario

12:30

14:00

Dark Sector(s) I

Session | **Location:** TU Wien, Karlsplatz 13, 1040 Wien | **Convener:** Valentyna Mokina

14:00–14:20 The CYGNO experiment

Speaker

Francesco Renga

14:20–14:40 Annual Modulation investigation with DAMA/LIBRA

Speaker

Dr Riccardo Cerulli

14:40–15:00

COSINUS - Search for dark matter with cryogenic NaI detectors**Speaker**

Matthew Jake Stukel

15:00–15:20

Probing $\mu\tau$ flavor-violating solutions for the muon $g-2$ anomaly at Belle II**Speaker**

Iguro Syuhei

15:20–15:40

Milli-eV axion and dark photon experiments with millimeter-wave resonators**Speaker**

Akira Miyazaki

15:40–16:00

The FASER experiment**Speaker**

Monica D'Onofrio

16:00

16:30

Dark Sector(s) I**Session** | **Location:** TU Wien, Karlsplatz 13, 1040 Wien | **Convener:** Gianluca Inguglia

16:30–17:00

Dark sector searches at Belle II and other e^+e^- colliders**Speaker**

Luigi Corona

17:00–17:30

Status of dark matter searches at the LHC**Speaker**

Malgorzata Kazana

17:30–17:35

Closing talk**Speaker**

gianluca inguglia

17:35