



# IDM 2020

## Monday 20 July 2020

### Online talk: Opening talk (15:00-15:30)

**-Conveners: Florian Reindl**

time	[id] title	presenter
15:00	[33] Opening talk	ZUREK, Kathryn Mary

### Online talk: Direct detection I (15:30-16:30)

**-Conveners: Florian Reindl**

time	[id] title	presenter
15:30	[34] Overview DM direct detection	GAITSKELL, Richard
16:00	[35] Future DM experiments with cryogenic detectors	COOLEY, Jodi

### Online talk: Direct detection II (16:45-18:15)

**-Conveners: Valentyna Mokina**

time	[id] title	presenter
16:45	[36] Future dark matter experiments with noble liquids	MACOLINO, Carla
17:15	[24] Directional Direct Dark Matter Searches	BARACCHINI, Elisabetta
17:45	[37] Modulation of dark matter signals	KAHLHOEFER, Felix

# Tuesday 21 July 2020

## Online talk: Direct detection III (15:00-16:00)

-Conveners: Josef Pradler

time	[id] title	presenter
15:00	[44] Dark matter electron scattering	ESSIG, Rouven
15:30	[45] Novel detection strategies for dark matter	KRNJAIC, Gordan

## Online talk: Bound-state DM (16:00-16:30)

-Conveners: Josef Pradler

time	[id] title	presenter
16:00	[38] Bound state DM	SMIRNOV, Juri

## Online talk: Cosmology and DM simulations (16:45-17:45)

-Conveners: Holger Kluck

time	[id] title	presenter
16:45	[7] Dark Matter at Cosmic Dawn	Dr MACK, Katie
17:15	[39] Status on small scale problems in simulations	FRENK, Carlos

## Online talk: Axion DM (17:45-18:45)

-Conveners: Holger Kluck

time	[id] title	presenter
17:45	[4] The future of axion physics	Dr VISINELLI, Luca
18:15	[40] Axion dark matter searches	VAN BIBBER, Karl

# Wednesday 22 July 2020

## Online talk: Sterile neutrinos (15:00-16:00)

-Conveners: Jochen Schieck

time	[id] title	presenter
15:00	[41] Sterile neutrino DM: production mechanisms, motivation, properties	Prof. RUCHAYSKIY, Oleg
15:30	[42] Sterile neutrinos: current constraints and perspectives	BOYARSKY, Alexey

## Online talk: Indirect detection and accelerator searches (16:00-17:00)

-Conveners: Jochen Schieck

time	[id] title	presenter
16:00	[15] Status of the Galactic Center Gamma-Ray Excess	LEANE, Rebecca
16:30	[48] Dark matter searches at LHC	MOON, Chang-Seong

## Online talk: Accelerator searches and indirect detection (17:15-18:45)

-Conveners: Anastasia Sokolenko

time	[id] title	presenter
17:15	[47] Dark Matter searches at Belle II	GRAZIANI, Enrico
17:45	[16] Antiprotons and AntiNuclei from Dark Matter Annihilations	LINDEN, Tim
18:15	[43] Searching for decaying and annihilating DM from X-rays to gamma-rays	SLATYER, Tracy