

**Initiative for Dark Matter in
Europe and beyond (iDMEu)
kick-off meeting**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Dark Matter Direct Detection Experiments based on nuclear recoils

Monday, 10 May 2021 14:30 (25 minutes)

Presenter: BAUDIS, Laura (University of Zurich)

Session Classification: Community talks

Contribution ID: 2

Type: **not specified**

Dark Matter Direct Detection Experiments based on electron recoils

Monday, 10 May 2021 14:55 (25 minutes)

Presenter: PRIVITERA, Paolo (University of Chicago)

Session Classification: Community talks

Contribution ID: 3

Type: **not specified**

Axions and Axion-like particles

Monday, 10 May 2021 15:20 (25 minutes)

Presenter: MAJOROVITS, Bela (MPI for Physics)

Session Classification: Community talks

Contribution ID: 5

Type: **not specified**

Dark Matter Indirect Detection (photons and neutrinos)

Tuesday, 11 May 2021 14:00 (25 minutes)

Presenter: WENIGER, Christoph (University of Amsterdam)

Session Classification: Community talks

Contribution ID: 6

Type: **not specified**

Dark Matter Indirect Detection (charged particles)

Tuesday, 11 May 2021 14:25 (25 minutes)

Presenter: TOMASSETTI, Nicola (Perugia University & INFN- Perugia)

Session Classification: Community talks

Contribution ID: 7

Type: **not specified**

Dark Matter Indirect Detection (antinuclei)

Tuesday, 11 May 2021 14:50 (25 minutes)

Presenter: PEREZ, Kerstin (Columbia University)

Session Classification: Community talks

Contribution ID: 8

Type: **not specified**

Dark Matter at extracted beam lines

Tuesday, 11 May 2021 15:15 (25 minutes)

Presenter: NELSON, Timothy Knight (SLAC National Accelerator Laboratory (US))

Session Classification: Community talks

Contribution ID: 9

Type: **not specified**

Galaxy formation, including numerical simulations

Monday, 10 May 2021 15:45 (25 minutes)

Presenter: READ, Justin (University of Surrey)

Session Classification: Community talks

Contribution ID: **10**

Type: **not specified**

Dark Matter in Large Scale Surveys

Monday, 10 May 2021 16:55 (25 minutes)

Presenter: ARCHIDIACONO, maria

Session Classification: Community talks

Contribution ID: 11

Type: **not specified**

The activities of the Dark Matter Working Group

Monday, 10 May 2021 17:20 (25 minutes)

Presenter: BRANDT, Oleg (University of Cambridge (GB))

Session Classification: Community talks

Contribution ID: 12

Type: **not specified**

The activities of the LLP WG and Community, in terms of Dark Matter

Monday, 10 May 2021 17:45 (25 minutes)

Presenter: ZURITA, José Francisco

Session Classification: Community talks

Contribution ID: 13

Type: **not specified**

Dark Matter and/in the Early Universe

Tuesday, 11 May 2021 16:25 (25 minutes)

Presenter: KAMIONKOWSKI, Marc (Johns Hopkins University)

Session Classification: Community talks

Contribution ID: 14

Type: **not specified**

Dark Matter Theory and Paradigmatic Models

Tuesday, 11 May 2021 16:00 (25 minutes)

Presenter: MARSH, David

Session Classification: Community talks

Contribution ID: 15

Type: **not specified**

Primordial Black Holes and gravitational wave probes of dark matter

Monday, 10 May 2021 16:30 (25 minutes)

Presenters: Dr KAVANAGH, Bradley (LPTHE, Paris); Dr CROON, Djuna (TRIUMF)

Session Classification: Community talks

Contribution ID: 16

Type: **not specified**

The "Dark Matter Day"

Wednesday, 12 May 2021 14:45 (5 minutes)

Presenter: WARMBEIN, Barbara (DESY)

Session Classification: Outreach

Contribution ID: 17

Type: **not specified**

The webdocumentary "La Matière Noire"

Wednesday, 12 May 2021 14:50 (5 minutes)

Presenters: TAILLET, Richard (LAPTh, Annecy); CREPE-RENAUDIN, Sabine (LPSC-Grenoble, CNRS/IN2P3)

Session Classification: Outreach

Contribution ID: **18**

Type: **not specified**

The activities of the IPPOG concerning DM

Wednesday, 12 May 2021 14:55 (5 minutes)

Presenter: GOLDFARB, Steven (University of Melbourne (AU))

Session Classification: Outreach

Contribution ID: 19

Type: **not specified**

Phantom of the Universe

Wednesday, 12 May 2021 15:00 (5 minutes)

Presenter: BARNETT, Michael (Lawrence Berkeley National Lab. (US))

Session Classification: Outreach

Contribution ID: 20

Type: **not specified**

Introductory words from JENAA

Monday, 10 May 2021 14:10 (20 minutes)

Presenters: HAUNGS, Andreas; JAKOBS, Karl (Albert Ludwigs Universitaet Freiburg (DE)); LEWITOWICZ, Marek (GANIL)

Session Classification: Introduction

Contribution ID: 21

Type: **not specified**

Welcome and introductory words from iDMEu proponents

Monday, 10 May 2021 14:00 (10 minutes)

Presenter: DOGLIONI, Caterina (Lund University (SE))

Session Classification: Introduction

Contribution ID: 22

Type: **not specified**

The Dark Matter Data Center within the ORIGINS center of excellence

Wednesday, 12 May 2021 17:00 (20 minutes)

Session Classification: Closing session

Contribution ID: 23

Type: **not specified**

Summary of the breakout sessions

Wednesday, 12 May 2021 17:20 (20 minutes)

Presenters: MAJOROVITS, Bela (MPI for Physics); DOGLIONI, Caterina (Lund University (SE)); REINDL, Florian (HEPHY & TU Vienna); D'ERAMO, Francesco (University of Padua)

Session Classification: Closing session

Contribution ID: 24

Type: **not specified**

Closing and next steps

Wednesday, 12 May 2021 17:40 (20 minutes)

Session Classification: Closing session

Contribution ID: 25

Type: **not specified**

Outreach Exercise

Wednesday, 12 May 2021 14:00 (45 minutes)

We will involve the audience in the live creation of a 1-min. video about Dark Matter to be used on Social Media.

Presenter: NELLIST, Clara (Radboud University Nijmegen and NIKHEF (NL))

Session Classification: Outreach

Contribution ID: 26

Type: **not specified**

Q & A

Wednesday, 12 May 2021 15:05 (15 minutes)

Session Classification: Outreach

Contribution ID: 27

Type: **not specified**

How do the CMB peaks tell us that there is matter that interacts gravitationally and is not baryonic?

Wednesday, 12 May 2021 15:45 (20 minutes)

Presenter: Mr HU, Wayne (Chicago)

Session Classification: Dark Matter Q&A

Contribution ID: 28

Type: **not specified**

Is there a strong theoretical motivation to search for dark matter lighter than WIMPs but much heavier than axions?

Wednesday, 12 May 2021 16:15 (20 minutes)

Presenter: Prof. KRNJAIC, Gordan (Fermi National Accelerator Laboratory)

Session Classification: Dark Matter Q&A