

DARK MATTER: from theory to detection

Report of Contributions

Contribution ID: 1

Type: **not specified**

Observational insights into DM

Thursday 15 July 2021 15:00 (1 hour)

Presenter: GLUSCEVIC, Vera (Princeton University)

Session Classification: Lecture

Contribution ID: 2

Type: **not specified**

Dark sector theory overview

Wednesday 7 July 2021 14:30 (1 hour)

Presenter: POSPELOV, Maxim

Session Classification: Lecture

Contribution ID: 3

Type: **not specified**

Nuclear physics of dark matter direct detection

Wednesday 7 July 2021 13:30 (1 hour)

Presenter: SCHWENK, Achim (TU Darmstadt)

Session Classification: Lecture

Contribution ID: 4

Type: **not specified**

Dark sector theory overview

Thursday 8 July 2021 14:30 (1 hour)

Presenter: POSPELOV, Maxim

Session Classification: Lecture

Contribution ID: 5

Type: **not specified**

Observational insights into dark matter

Thursday 15 July 2021 16:20 (1 hour)

Presenter: GLUSCEVIC, Vera (Princeton University)

Session Classification: Lecture

Contribution ID: 6

Type: **not specified**

Nuclear physics of dark matter direct detection

Thursday 8 July 2021 13:30 (1 hour)

Presenter: SCHWENK, Achim (TU Darmstadt)

Session Classification: Lecture

Contribution ID: 7

Type: **not specified**

Liquid scintillator dark matter detectors

Friday 9 July 2021 09:00 (1h 30m)

Presenter: BUDNIK, Ranny (Weizmann Institute of Science)

Session Classification: Lecture

Contribution ID: 8

Type: **not specified**

Statistics for rare-event searches

Tuesday 13 July 2021 14:00 (1 hour)

Presenter: ALGERI, Sara (University of Minnesota)

Session Classification: Lecture

Contribution ID: 9

Type: **not specified**

Cryogenic dark matter detectors

Friday 9 July 2021 10:50 (1h 30m)

Presenter: GASCON, Jules (Universite Lyon 1)

Session Classification: Lecture

Contribution ID: **10**

Type: **not specified**

Statistics for rare-event searches

Monday 12 July 2021 14:00 (1 hour)

Presenter: ALGERI, Sara (University of Minnesota)

Session Classification: Lecture

Contribution ID: 11

Type: **not specified**

Atomic physics for dark matter direct detection

Presenter: YU, Tien-Tien (University of Oregon (US))

Session Classification: Lecture

Contribution ID: 12

Type: **not specified**

Ultralight dark sectors theory

Wednesday 14 July 2021 13:30 (1 hour)

Presenter: RINGWALD, Andreas (Deutsches Elektronen-Synchrotron DESY)

Session Classification: Lecture

Contribution ID: 13

Type: **not specified**

Atomic physics for dark matter detection

Presenter: YU, Tien-Tien (University of Oregon (US))

Session Classification: Lecture

Contribution ID: 14

Type: **not specified**

Statistics for rare-event searches

Presenter: ALGERI, Sara (University of Minnesota)

Session Classification: Lecture

Contribution ID: 15

Type: **not specified**

Theory of ultralight dark sectors

Thursday 15 July 2021 14:00 (1 hour)

Presenter: RINGWALD, Andreas (Deutsches Elektronen-Synchrotron DESY)

Session Classification: Lecture

Contribution ID: 16

Type: **not specified**

Ultralight dark sectors in experiment

Wednesday 14 July 2021 15:50 (1 hour)

Presenter: BUDKER, DMITRY (Helmholtz Institute Mainz and UC Berkeley)

Session Classification: Lecture

Contribution ID: 17

Type: **not specified**

DFT: introduction and methods

Presenter: KRESSE, Georg (University of Vienna)

Session Classification: Lecture

Contribution ID: **18**

Type: **not specified**

Theory advances in direct detection

Monday 12 July 2021 15:00 (1 hour)

Presenter: KNAPEN, Simon (CERN)

Session Classification: Lecture

Contribution ID: 19

Type: **not specified**

Atomic physics for dark matter direct detection

Thursday 8 July 2021 15:50 (1 hour)

Presenter: YU, Tien-Tien (University of Oregon (US))

Session Classification: Lecture

Contribution ID: **20**

Type: **not specified**

Atomic physics for dark matter direct detection

Wednesday 7 July 2021 15:50 (1 hour)

Presenter: YU, Tien-Tien (University of Oregon (US))

Session Classification: Lecture

Contribution ID: 21

Type: **not specified**

Theory advances in direct detection

Tuesday 13 July 2021 15:00 (1 hour)

Presenter: KNAPEN, Simon (CERN)

Session Classification: Lecture

Contribution ID: 22

Type: **not specified**

Ultralight dark sectors in experiment

Wednesday 14 July 2021 14:30 (1 hour)

Presenter: BUDKER, DMITRY (Helmholtz Institute Mainz and UC Berkeley)

Session Classification: Lecture

Contribution ID: 23

Type: **not specified**

Poster Session in Gather.town

Tuesday 13 July 2021 17:30 (1 hour)

The poster session will be held in Gather.town.

Session Classification: Poster Session

Contribution ID: 24

Type: **not specified**

Welcome

Wednesday 7 July 2021 13:20 (10 minutes)