

**Session Program**

26 April 2019

**Dark Matter models with  $t$ -channel mediators  
@ LHC (LHC DM WG public meeting)**

***Consolidating Existing Work***

CERN, 40/S2-C01 - Salle Curie

# Friday 26 April

13:40

## Consolidating Existing Work

**Session** | **Location:** CERN, 40/S2-C01 - Salle Curie

13:40–13:50 **t-channel interpretations @ CMS**

**Speaker**

Andreas Albert

13:55–14:05 **t-channel interpretations @ ATLAS**

**Speaker**

Millie McDonald

14:10–14:20

### Dark matter with t-channel mediator: a simple step beyond contact interaction

**Speakers**

Mr HAO ZHANG, Haipeng An, Haipeng An, Dr Haipeng An, LianTao Wang, Liantao Wang, Liantao Wang

14:25–14:35 **Signatures of Majorana dark matter with t-channel mediators**

**Speakers**

Stefan Vogl, Stefan Vogl, et al

14:40–14:50 **Simplified DM models with the full SM gauge symmetry**

**Speaker**

pyungwon ko

14:55–15:05

### Direct Detection and LHC constraints on a t-Channel Simplified Model of Majorana Dark Matter at One Loop

**Speakers**

Kirtimaan Mohan, et al

15:15

15:45

## Consolidating Existing Work

**Session** | **Location:** CERN, 40/S2-C01 - Salle Curie

15:45–15:55 **Brief review on the vector-like portal to scalar dark matter**

**Speakers**

Jerome Vandecasteele, Michel Tytgat

16:00–16:10 **Flavored dark matter beyond Minimal Flavor Violation**

**Speakers**

Monika Blanke, Monika Blanke, Monika Blanke

16:15–16:25 **A flavoured dark sector**

**Speakers**

Pedro Klaus Schwaller, Sophie Renner, Sophie Renner

16:30–16:40

### Leptonic WIMP Coannihilation and the Current Dark Matter Search Strategy

16:45

**Speakers**

Michael Baker, Michael James Baker