

2023 LHC DM WG Autumn Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Thursday 30 November 2023 14:00 (10 minutes)

Presenters: JOHNSON, Daniel (University of Birmingham (GB)); CREMONESI, Matteo (Carnegie-Mellon University (US)); ARGYROPOULOS, Spyros (Albert Ludwigs Universitaet Freiburg (DE)); TAIT, Tim (University of California, Irvine); HAISCH, Uli; CID VIDAL, Xabier (Instituto Galego de Física de Altas Enerxías); WANG, Zirui (University of Michigan (US))

Contribution ID: 13

Type: **not specified**

Update on DM t-Channel Signatures [20+10]

Thursday 30 November 2023 14:15 (20 minutes)

Presenter: PANIZZI, Luca (Uppsala University)

Contribution ID: **18**

Type: **not specified**

Preparing the DM roadmap workshop - how to contribute [15+10]

Thursday 30 November 2023 14:45 (15 minutes)

<http://cern.ch/lhcdm24>

Contribution ID: 19

Type: **not specified**

Summary of the "Colours in darkness" dark showers workshop [20+5]

Thursday 30 November 2023 15:10 (20 minutes)

<https://indico.mitp.uni-mainz.de/event/377>

Presenter: SINHA, Sukanya (University of Manchester (GB))

Contribution ID: **20**

Type: **not specified**

Searches for low mass dilepton resonances and their interpretation [15+10]

Thursday 30 November 2023 15:40 (25 minutes)

<https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2023-045/>

Presenter: HAALAND, Even Simonsen (University of Oslo (NO))

Session Classification: Dark Higgs

Contribution ID: 21

Type: **not specified**

CMS Dark Higgs Search in the WW Channel [15+5]

Thursday 30 November 2023 16:05 (20 minutes)

Presenters: CALDERON TAZON, Alicia (Universidad de Cantabria and CSIC (ES)); CALDERON TAZON, Alicia

Session Classification: Dark Higgs

Contribution ID: 22

Type: **not specified**

Hadronic Mono-W' Probes of Dark Matter at Colliders [15+5]

Thursday 30 November 2023 16:25 (20 minutes)

<https://arxiv.org/abs/2311.13578>

Presenter: CHENG, Kun (Peking University)

Session Classification: Dark Higgs