

Dark Tools



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, 16 June 2025 08:50 (10 minutes)

Contribution ID: 2

Type: **not specified**

Closing

Thursday, 19 June 2025 15:00 (20 minutes)

Contribution ID: 6

Type: **not specified**

General Review about DM: evidences, candidates and searches

In this overview talk I will try not to bore the surely already expert audience with some basic facts about Dark Matter, including evidences, candidates and searches, in order to set the tone for the more technical discussions that will follow.

Primary author: CIRELLI, Marco (LP THE CNRS/Sorbonne Paris)

Session Classification: Overview talks

Contribution ID: 7

Type: **not specified**

(Some) Theoretical Considerations on Direct Dark Matter Searches

In this talk I will address the theoretical aspects related to direct dark matter detection. I will review the different DM signatures, the main challenges for the (near) future, and tackle issues such as parameter reconstruction, the associated uncertainties and strategies to identify the dark matter.

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