

## Dark Tools



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## Dark sectors at accelerators

*Wednesday, 18 June 2025 09:00 (45 minutes)*

In this talk I will review searches for dark matter and other dark sector particles both at the energy frontier (using hadron colliders) and at the intensity frontier (using electron-positron colliders and beam-dump experiments). The focus will be on recent developments regarding model-building (strongly-interacting dark sectors, dark sectors with long-lived excited states or feebly-interacting mediators) and the corresponding phenomenology (dark showers, displaced vertex searches and exotic signatures). I will conclude with a short review of recent results, reinterpretation efforts and simulation tools.

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