

## Complementary discoveries: how to be FAIR?

*Monday, 1 December 2025 12:10 (20 minutes)*

In the global quest for dark matter, we often think of (and wish for!) a scenario where we will have more than one experiment confirming a discovery. The question we'd like to reflect on in this poster is: how do we make sure that others can also reproduce such a finding, or in other words that the data and tools we are using are Findable, Accessible, Interoperable and Reproducible (FAIR)? We will bring forward a simple case study, the European Strategy / Snowmass summary plots, in their evolution from 2019 to 2025, and show how in this case the ESCAPE Virtual Research Environment (VRE) has helped us make our research tools more FAIR within a project from the Initiative for Dark Matter in Europe and Beyond (iDMEu).

**Co-authors:** Prof. DOGLIONI, Caterina (University of Manchester); CHAZALLET, Leo (LAPP); SINHA, Sukanya (The University of Manchester (GB))

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

**Session Classification:** Morning Session 2