

PUNCHLunch –

the online lunch seminar of the PUNCH4NFDI Consortium

Every second Thursday, 12:30-13:30 hrs: keynote and discussion



Thursday, 10. March 2022, 12:30 hrs:

Dr. Nahuel Ferreiro Iachellini, Max Planck Institute for Physics

Dr. Heerak Banerjee, TU Munich

The Dark Matter Data Center

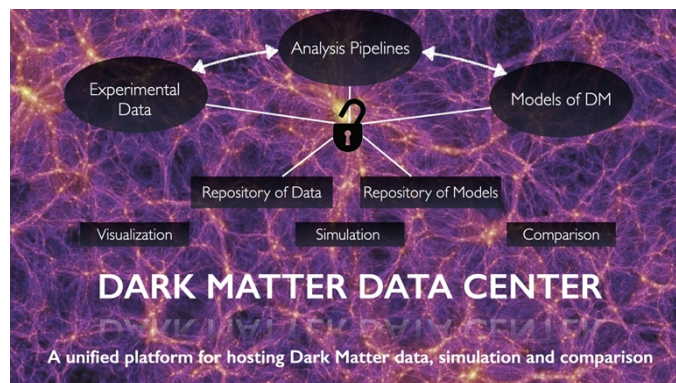
A unified platform for hosting Dark Matter data, simulation and comparison

Abstract:

The quest for dark matter has been puzzling scientists since over a century. The last two decades have seen no less than 20 experiments designed to directly detect dark matter in the local halo.

Their sensitivities span over 5 orders of magnitude. In addition to those, hints for the presence of dark matter particles are sought-for in accelerators searches and in cosmic rays. These experiments employ different technologies and methodologies, making their analyses and combination a rather demanding task.

The Dark Matter Data Center aims at bringing together the large amount of recorded data and make it easily available for the dark matter community. It offers a repository where data, methods and code are clearly presented in a unified interface for comparison, reproduction, combination and analysis. The Dark Matter Data Center is also a forum where Experimental Collaborations can directly publish their data and phenomenologists the implementation of their models, in accordance to Open Science principles.



Connection details:

ZOOM Meeting “PUNCHLunch seminar”: <https://indico.desy.de/event/33356/>

Webinar ID: 919 1665 4877, **passcode:** 481572

Next event: HIFIS (Helmholtz Federated IT Services), 24.03 2022

Connect to PUNCH4NFDI:

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