

Dark Matter 2021: From the Smallest to the Largest Scales



Monday, September 13, 2021 - Thursday, September 16, 2021

Virtual

Scientific Program

Please join us in the third edition of the meeting that brings together particle physicist, astrophysicists, cosmologists and theoretician to discuss the latest developments on the quest for dark matter.

The contributions from the previous meeting can be found [\[here\]](#)^[1]

The coming meeting will once more get together experts on cosmologist, direct, indirect and accelerators searches of dark matter, and the connection between theory and experiments. Many experiments on earth, together with astrophysical observations, cover a wide range of energies (almost 90 orders or magnitude) yet the dark matter particle remains elusive. The meeting will review the current status in the field giving special emphasis to the latest efforts to detect the dark matter and the determination of its nature.

Dark Matter at Accelerators

Direct Searches for Dark Matter

Indirect Searches for Dark Matter

Dark Matter from Astrophysics

Dark Matter from Cosmological Observations

New and future techniques/technologies/experiments, analysis and theories

Theoretical developments

Preliminary list of invited Speakers and invited talks:

Gordan Krnjaic: DM at accelerators

Teresa Marrodan-Undagoitia: DM Direct Detection

Katelin Schutz: Cosmological probes of DM

Rebecca Leane: Indirect searches for DM