SEMPARIS – Séminaires en région parisienne

`http ://string.lpthe.jussieu.fr/semparis/`

Particle Physics at LPTHE

Mardi 30 Janvier 2018, 14 :00
LPTHE, Library
Domaines : hep-ph

Titre : *New opportunities for dark matter direct detection*

Orateur : **Josef Pradler (HEPHY - Vienna)**

Résumé : *Abstract : I will discuss recent proposals that show how the mass-reach of current dark matter (DM) direct detection experiments can be extended to probe sub-MeV DM in its scattering on electrons and sub-GeV DM in its scattering on nucleons. Furthermore, signatures of dark radiation, sourced by DM decay, will be discussed for underground rare event searches.*
