

SEMPARIS – Séminaires en région parisienne

<http://string.lpthe.jussieu.fr/semparis/>

Particle Physics at LPTHE

Vendredi 7 Juin 2019, 14 :00

LPTHE, library

Domaines : hep-ph

Titre : *Some Particle Dark Matter Scenarios Beyond the Beaten Track : Caveats and Corollaries*

Orateur : **Biswarup Mukhopadhyaya (HCRI)**

Résumé : *Some dark matter scenarios will be discussed, which call for new paradigms for collider searches as well as indirect signals from the outer space. The two examples pointed out are (a) a non-thermal dark matter particle with ultra-feeble interaction with the rest of the spectrum, and (b) a WIMP with trans-TeV mass. The first scenario may open up new strategies at the LHC, while the usefulness of radio signals from dwarf galaxies is pointed out for the second.*
