## 2016 CAP Congress / Congrès de l'ACP 2016



Contribution ID: 1290

Type: Invited Speaker / Conférencier invité

## Towards new discoveries with neutrinos and dark matter

Tuesday 14 June 2016 08:30 (30 minutes)

Next generation experiments are poised to help answer fundamental questions about neutrinos and dark matter, but rely on a quantitative understanding of perturbative and nonperturbative QCD. I briefly review the status of experimental searches and theoretical calculations in searchers for lepton number and CP violation in the neutrino sector, and for WIMP dark matter direct detection.

Primary author: HILL, Richard (TRIUMF, Perimeter Institute and University of Chicago)

Presenter: HILL, Richard (TRIUMF, Perimeter Institute and University of Chicago)

Session Classification: T1-5 Neutrinoless Double Beta Decay II (PPD-DNP-DTP) / Double désinté-

gration beta sans neutrino II (PPD-DPN-DPT)

Track Classification: Theoretical Physics / Physique théorique (DTP-DPT)