## 2019 CAP Congress / Congrès de l'ACP 2019



Contribution ID: 2551

Type: Oral (Non-Student) / Orale (non-étudiant(e))

## **Updates from SNOLAB**

Monday 3 June 2019 13:15 (15 minutes)

Answering many of the outstanding questions in astroparticle and subatomic physics today requires the ultraquiet environment provided by deep underground research facilities. SNOLAB is Canada's deep underground facility, at a depth of 2 km in Vale's Creighton mine near Sudbury, Ontario. In this environment, cosmic radiation induced backgrounds are minimized to levels allowing the operation of sophisticated experiments. SNOLAB is home to a number of experiments that make use of this unique location. The facility is growing, and the number of projects hosted is increasing. I'll review the new construction projects and the status of the currently running experiments, as well as improvements to the infrastructure.

Author: Dr CADEN, Erica (SNOLAB)

Presenter: Dr CADEN, Erica (SNOLAB)

Session Classification: M2-3 Particles deep underground (PPD) | Particules profondément sous terre

(PPD)

Track Classification: Particle Physics / Physique des particules (PPD)