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SNOLAB: Underground Facilities for Biological Experiments - (in-person)

Tuesday, 20 August 2024 09:00 (30 minutes)

20-minute talk + 10-minute questions

SNOLAB, with its underground facilities at 2070 m within Creighton Mine in Sudbury, Ontario, Canada, has already hosted biological experiments, including FlaME and REPAIR, providing a unique environment for experiments requiring isolation from surface background radiation. Improvements at SNOLAB, including the introduction of local ICP-MS analysis for metal content, underground liquid nitrogen production, UPW upgrades, and many more have increased the overall capabilities of SNOLAB to host new experiments considerably. Presented will be an overview of the facilities and improvements in bio-assay techniques available.

Presenter: HALL, Shaun

Session Classification: Underground Labs Science Programmes