

## **The Sanford Laboratory at Homestake and the Path to DUSEL**

The former Homestake gold mine in Lead, South Dakota is currently being transformed into a laboratory to pursue underground research in biology, geology, engineering and physics. Prior to the establishment of the federal facility, an interim early science program is being offered by the South Dakota Science and Technology Authority, which currently operates the Sanford Laboratory at Homestake. The early science program is well underway with research activities on many levels, including plans to host the LUX and Majorana physics experiments on the 1480-m (4850-ft) level. The status and opportunities at the Sanford Laboratory will be presented.

**Author:** Dr HEISE, Jaret (Sanford Laboratory at Homestake)

**Presenter:** Dr HEISE, Jaret (Sanford Laboratory at Homestake)