

Recent development of the radiopurity.org materials database

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The radiopurity.org database has proven to be a valuable resource for the low background physics community as a tool to track and share assay results. This talk will describe recent collaborative efforts between SNOLAB and the Pacific Northwest National Laboratory to modernize the database for the community. The new version includes all features of the original interface, along with additional features such as facilitated inserting and updating of data, automatic conversion of units of displayed results, and restructured user authentication. Discussed topics will include the features that I have been responsible for implementing for the site, as well as other completed projects such as a version of the radiopurity.org site exclusively for screening results taken with the XIA UltraLo1800 alpha counter.

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