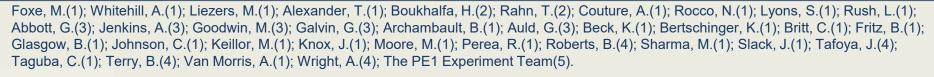




8 SEPTEMBER ONLINE DAY 9 TO 12 SEPTEMBER AT HOSBURG PALACE, VIENNA & OILINE

Transport variability of Xenon and Tritium following an Underground Explosively Driven Release





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- (1) Pacific Northwest National Laboratory. (2) Los Alamos National Laboratory. (3) AWE. (4) Sandia National Laboratories. (5) https://doi.org/10.2172/2345984 .
 - The fractionation between species is important for understanding the source term for isotope detectors.
 - During a recent field experiment, radioactive tracers were released along with a high explosive source.
 - Two tracers of interest for this study were ¹²⁷Xe and tritium gas. The transport of these gases is expected to vary as a function of geologic media, gas sizes, and gas chemistry.



