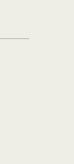
A Modular Approach to the New Integrated On-Site Inspections Field Laboratory Layout

LIGHTNING TALK

A. Harmati, B. Nadalut, K. Khrustalev, R. Riedmann, P. Olagbaju, P. Labak, T. Eles, L. Fiserova Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO)

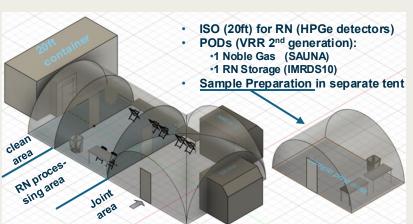
P4.2-618



The CTBT On-site Inspection Division (OSI) Radionuclide, Particulate and Noble Gas Field Laboratory has a new hybrid configuration being developed and tested.

Laboratory has full integration of its infrastructure into the current rapid deployment concept of the Base of Operations.





New 3D layout of the OSI Field Laboratory in hybrid configuration, implemented as of December 2024

New integrated modular layout has:

- Flexible, modular structure
- Tailored walls to accommodate laboratory pods
- Separate Sample Preparation Area
- Power infrastructure with surge protection
- Processing areas for RN and NG data analysis
- Secured connection to laboratory 20ft container
- Clean area



