

iNSPIRE: iNtegrated Software Platform for the Interactive REview - The first release features for beta-gamma coincidence based noble gas data

Within ongoing software modernization efforts, the International Data Centre (IDC) of the CTBTO Preparatory Commission initiated the development of a novel software application for the interactive analysis of radionuclide data. The new iNtegrated Software Platform for the Interactive REview (dubbed iNSPIRE) is based on modern open source software development technologies. The overall goal is to progressively unify the software tools in use for all radionuclide monitoring technologies. iNSPIRE is a single platform that will replace the tools Norfy, Saint2 and openSpectra in IDC Operations and in the NDC-in-a-Box software package for both particulate and noble gas data of the International Monitoring System (IMS). The presentation compiles the main features of the first release which offers analysis functionalities for beta-gamma coincidence based noble gas data.

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Track Classification: Theme 3. Verification Technologies and Technique Application