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Type: **Poster**

a laboratory-based beta-gamma coincidence detection system

Beta-gamma coincidence detection methods have become an integral part of the International Monitoring System (IMS), particularly with regards to radionuclide detection. The UK Radionuclide Laboratory (GBL15) is currently working with partners at the University of Surrey and National Physical Laboratory (NPL) in developing a laboratory-based system for beta-gamma coincidence measurements, aiming to reduce detection limits for radionuclides of interest, as well as future-proof the UK Noble Gas analysis capability in support of the Verification Regime.

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Track Classification: Theme 3. Verification Technologies and Technique Application