

DEVELOPMENTS IN SUPPORT OF THE COMPREHENSIVE NUCLEAR-TEST- BAN TREATY - ULTRA SENSITIVE MEASUREMENTS OF AIRBORNE NUCLEAR DEBRIS

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CTBTO
PREPARATORY COMMISSION

COMPREHENSIVE
NUCLEAR-TEST-BAN
TREATY ORGANIZATION

- **Testing of a γ - γ based IMS prototype at the CTBTO test station in Vienna, Austria**
- Multi-detector systems offer greater redundancy
- Setup and characterisation is relatively simple
- Improved sensitivity results in many more relevant detections on the IMS
- Additional sensitivity can yield important diagnostic information
- The sensitivity demonstrated is orders of magnitude greater than current systems

Poster 69



Low Level γ ray spectrometry