ID: **P5.2-424**   Type: **E-poster**

Operational Excellence: A Comprehensive Training Strategy for IMS Station Operators

The International Monitoring System (IMS) training programme for station operators, established in 1998, has been revised to meet evolving operational needs and ensure compliance with the draft IMS Operational Manual. This updated strategy addresses the diverse requirements of station managers, local operators, PKI operators, and station operators, focusing on optimal performance and data availability. Key components include tailored training programmes based on needs assessment, blended learning methods (e-learning, in-person sessions, simulation based training, and in-situ sessions), and advanced technical training for equipment-specific troubleshooting. The foundation is a suite of interactive e-learning modules, ensuring standardized baseline knowledge. The strategy emphasizes quality assurance through key performance indicators, feedback, and updates to maintain relevance and effectiveness. Modern methodologies like virtual reality, gamification, and microlearning enhance flexibility and engagement. Training is categorized into basic, intermediate, and advanced levels, with periodic refreshers. Collaboration with international trainers and manufacturers supports the broader Comprehensive Nuclear-Test-Ban Treaty verification regime, fostering a robust and proficient operational network capable of addressing IMS station challenges globally.

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Session Classification: P5.2 Regional Empowerment

Track Classification: Theme 5. CTBT Science and Technology in the Global Context: T5.2 Regional Empowerment