



ID:

Type: **Poster**

Development on CTBTO Verification Regime

CTBTO over the years has emerged as one of the leading scientific data repositories around the world. It has compatible systems including accreditation systems and sizeable footprint at the global level. This elaborate infrastructure and expertise is a result of innumerable efforts of both scientific and diplomatic communities. The lessons learnt, therefore, are immense, all-encompassing and worth codifying for adoption in terms of best practices and technologies by other organizations responsible for research in related areas. Case studies, books, and literature on the processes, technologies, related experiences and above all operation of the data centers including IDC and remote stations need to be recorded and shared for forming part of the related curriculum for teaching at different levels. This knowledge intervention will enable CTBTO to reach out to the universities around the world. The great work of preventing nuclear testing will pave way for establishing similar infrastructure at an appropriate scale for other scientific purposes. The innovation will accordingly take roots through engagement of academia and students focusing at new possibilities.

Primary author: SHAH, Syed Muhammad Ayub (National Defense University (NDU))

Presenter: SHAH, Syed Muhammad Ayub (National Defense University (NDU))

Track Classification: Theme 5. CTBT in a Global Context