ID: Type: **Poster**

# Multilateral Verification Regimes: Lessons Learnt from the CTBTO

The purpose of the this work is to examine the political and technical aspects of a verification regime pertaining to the Comprehensive Nuclear Test-Ban Treaty. Mainly two technical issues are studied. One is a detection issue critical to the verification of the treaty. The second is on the sharing of data generated by the IMS. The study will examine other other arms control and disarmament regimes. Sensitivities surrounding the derivation and use of information are studied and compared with the Comprehensive Nuclear Test Ban Treaty's verification regime. This analysis will potentially help to clarify the distinction between the scientific and technical merits of implementation issues critical for treaty verification into the current international political context. Recommendations would be operationally-relevant and focused and would reflect the current state of inspection technologies, equipment and procedures.

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**Track Classification:** Theme 3: Advances in Sensors, Networks and Processing