

EINLADUNG

zum

SEMINARVORTRAG

von

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**Five Years with the
Comprehensive Nuclear-Test-Ban Treaty
Organisation (CTBTO)**

In 1996 the Comprehensive Nuclear-Test-Ban Treaty (CTBT) has been adopted by the UN General Assembly. The CTBT obliges its member states not to carry out any nuclear tests. In order to verify this treaty a worldwide nuclear explosion monitoring network is currently being built up. This talk gives an overview on the CTBT and its verification methods. One of the methods, the measurement of airborne radioisotopes, will be explained in more detail: Fission products which are released to the atmosphere are a unique fingerprint, which allows to detect a nuclear explosion and to distinguish it from other sources.

Mittwoch, 9. April 2003, 16:30 Uhr

**1090 Wien, Währingerstr. 17, "Kavalierstrakt",
1. Stock, Seminarraum von VERA**