Science and Diplomacy for Peace and Security:

The CTBT @ 20

CTBT Symposium Agenda
25 January to 4 February 2016

Vienna International Centre Boardroom C
Vienna, Austria

Monday 25 January

Opening Session

Keynote addresses

The CTBT: Where did it come from, where is it going?

20 Years On: Reflections on the Negotiations of the CTBT

Panel discussion on the negotiations of the Treaty featuring former lead negotiators in the Conference on Disarmament who played key roles in the Treaty’s negotiation. The panel will explore the dynamics that lead to the final Treaty text, including Article XIV, and offer the opportunity to reflect on the current impasse with regards to the Treaty’s entry into force.

Achieving entry into force: Confronting the Challenge 20 Years Later

Moderated panel discussion on the geopolitical climate shaping conditions for ratifications in the remaining Annex 2 States, and potential high-level multilateral initiatives that could be undertaken to create conditions conducive to ratification.

Tuesday 26 January

Science for Peace and Security: From Nuclear Testing to Multilateral Arms Control Verification

Keynote addresses

Nuclear Testing and the Arms Race

Presentations on:
- Nuclear Weapons Technology, Why States Test Nuclear Weapons and the linkage between nuclear testing and the arms race

The Foundation of the CTBT Verification System

A moderated panel discussion to reflect on how the CTBT verification regime, as it stands today, measures up against expectations and technical capabilities in the 80’s and 90s, how the verification technologies are implemented 20 years later.
The Future of Multilateral Arms Control Verification: Lessons from the CTBT

A panel discussion on how the CTBT and its verification regime contributed to arms control and non-proliferation arrangements and what lessons should be drawn from the CTBT for future arrangements.

Wednesday 27 January

The CTBT and International Peace and Security

Rebooting Nuclear Security: CTBT entry into force and the elimination of nuclear threats

A moderated panel examining how entry into force of the CTBT connects with other interlinked issues in arms control, disarmament and non-proliferation, and nuclear security.

The CTBT as a Regional Confidence Building Measure

A moderated panel discussion on the role of the CTBT as a confidence building tool in particular in North and South East Asia and the Middle East.

CTBT advocacy

The role of the media in advancing entry into force and global awareness of the CTBT

A concrete and practical discussion among media practitioners and civil society representatives in concerning the problems faced by the media in promoting and advocating for the CTBT.

CTBT for the next generation: The academic community as a force multiplier

A panel discussion on the value of including CTBT-related courses in university curricula with examples of course material. Specific emphasis will be place on the development of a handbook on teaching the CTBT.

Thursday 28 January

The Legal and Institutional Framework of the CTBT

Understanding the CTBT: Scope, Obligations and Compliance

A presentation on the key Articles of the Treaty and National Implementation of the Treaty’s obligations, highlighting concrete advantages of an enforceable CTBT.

The Preparatory Commission and the Future Organization

Presentations on the role and functions of the Preparatory Commission and the future CTBTO followed by a discussion on current issues before the Commission.
Enforceability of the CTBT: international politics and international law

A panel discussion on the status of the enforceability of the CTBT as an international norm, the role of nuclear test moratoria and ways to advance entry into force in accordance with international law

Friday 29 January

CTBT Verification: Collecting and Analysing Data

CTBT Monitoring: Technologies, Data Collection and Analysis

The CTBT Verification Regime in Action: Case Studies and civil/scientific applications

Panel discussion/Presentations on:
- DPRK Announced Nuclear Tests
- Tsunami Warning and other Civil and Scientific Applications
- IMS radionuclide observations for civil applications taking the Daiichi Nuclear Power Plant Accident in Fukushima as example

Technology Forecast and Sustainability of the Verification Regime:

Presentations on the role of new technologies and technological advances in augmenting the verification technologies designed to monitor compliance with the CTBT.

Monday 1 February

CTBT Compliance: Onsite Inspections

OSI Technologies and Techniques

Tuesday 2 February

Introduction to Executive Council Simulation

- Overview of the simulation scenario
- Brief introduction to the context and the rules

Practical options and solutions after 20 Years

Entry into Force and the Future of the CTBT: Identifying practical options and solutions after 20 Years

- Focus groups to consider ways to enhance regional and global awareness of the CTBT, identify options for ensuring sustainability of the Treaty’s verification regime, and make recommendations on practical options to advance entry into force of the Treaty.
PROVISIONAL AGENDA

Wednesday 3 February

Executive Council Simulation

Thursday 4 February

Executive Council Simulation