

2015 CTBT Academic Forum
“Strengthening the CTBT through Academic Engagement”

Friday, 26 June 2015, Hofburg Palace

- 8:30 - 9:00 **Registration**
- 9:00 – 9:10 **Welcome Remarks & Overview and Expectations**
W. Randy Bell, IDC Director and Project Executive, SnT2015
- 9:10 – 9:40 **Brief introductions of participants**
Names, affiliation, experience in CTBT, if any
- 9:40 – 9:50 **Inspiring the next generation of critical thinkers**
Bob Frye, Emmy award winning producer and director of documentaries and network news programs
- 9:50 - 10:00 **Group photo**

Session 1: Teaching the CTBT

- 10:00– 10:30 **Overview of CTBT online educational resources**
- Presenters:**
Jean du Preez, Chief of External Relations, Protocol and International Cooperation Section, CTBTO
Mario Villagran Herrera, Chief of Capacity Building and Training Section, CTBTO
Ryan Gonzalez, Computer based Training Officer, CTBTO
- Overview of integrated capacity building (including IDC, OSI, LEGREL)
 - Available resources and ‘services’, including e-learning modules, lectures from the PTS, tailored e-learning courses, Vienna-based courses, simulations, table-top exercises, online academic network
 - Feedback and discussion on utility and ways to improve resources
- 10:30 – 10:45 **Break**
- 10:45 – 12:30 **Experiences on teaching the CTBT**
- Moderator:** Nikolai Sokov, Senior Researcher, James Martin Center for Nonproliferation Studies
- Presenters:**
Matt Yedlin & Allen Sens, University of British Columbia, Canada
Liz Dallas, Georgia Institute of Technology, USA
Laura Reed, University of Massachusetts, Amherst, USA

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George Moore, Middlebury Institute of International Studies, USA
Ekaterina Mikhaylenko, Ural Federal University, Russia
Celso Vargas, Costa Rica Institute of Technology, Costa Rica
Tahir Nazir, South Asia Strategic Stability Institute, Pakistan
Huaping Liu, Beijing Language and Culture Institute, China
Bridgette Taylor, University of British Columbia, Canada
Enrique Castillo, Institute of Geology, University of Innsbruck, Austria

- Presentations by participants on successes and challenges faced in developing effective pedagogical approach and integrating CTBT issues into academic curricula [brief Q&A to follow each presentation]
- Open discussion from the floor

12:30 – 13:30

Lunch

Session 2: Bridging science and policy

13:30 – 15:00

Technical education for policymakers and policy education for scientists

Moderator: Pierce Corden, Visiting Scholar, Center for Science, Technology and Security Policy of the American Association for the Advancement of Science

Panellists:

Rebecca Johnson, Executive Director, Acronym Institute for Disarmament Diplomacy

Nikolai Sokov, Senior Researcher, James Martin Center for Nonproliferation Studies

Ferenc Dalnoki-Veress, Scientist-in-Residence, Middlebury Institute for International Studies

Edward Ifft, Adjunct Professor, Center for Security Studies, Georgetown University

Matt Yedlin, Associate Professor, Departments of Electrical Engineering in the Faculty of Applied Science and Earth and Ocean Sciences in the Faculty of Science at the University of British Columbia.

- Panel discussion on integrating technical issues of CTBT into training for diplomats and other policymakers, and increasing awareness of CTBT and broader nuclear non-proliferation and disarmament policy issues within the scientific community
- Using simulations to educate students, diplomats, and other members of civil society

15:00 - 15:45

CTBT Research

Moderator: Martin Kalinowski, Head, Software Applications, CTBTO

- Introduction to CTBT research opportunities
- Research projects by Young Scientists
- Presentation by CTBT Research Fellow on work in progress
- Critique and feedback
- Discussion

15:45 – 16:00

Break

Session 3: Looking ahead

16:00– 17:15

Forging new and better links with and beyond academia

Moderator: Jean du Preez, Chief of External Relations, Protocol and International Cooperation Section, CTBTO

Discussant: Bob Frye, Emmy award winning producer and director of documentaries and network news programs

Panellists:

Pierce Corden, Visiting Scholar, Center for Science, Technology and Security Policy of the American Association for the Advancement of Science

Thomas Blake, School of Cosmic Physics, Dublin Institute for Advanced Studies, Dublin, Ireland

Jenifer Mackby, Senior Fellow for International Security, Federation of American Scientists

Maria Sultan, Director, South Asian Strategic Stability Institute, Pakistan

- How to consolidate and maintain the network of academics working on CTBT issues
- Effectively engaging with civil society
- Exploring the value of NDC affiliation with research and academic institutions
- Future of CTBTO's Academic Forum initiative [both science *and* policy courses, train-the-trainers workshops, Academic Forum on the road, scientist-to-scientist workshops, linkages with the SnT process, promoting research on CTBT issues]

17:15

Closing remarks

Genxin Li, Director, Legal and External Relations Division