



Vienna Center for Disarmament
and Non-Proliferation



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Nuclear Non-Proliferation and Disarmament

A short intensive course for practitioners

*September 29-October 3, 2014
VCDNP, Donau-City Strasse 6, 1220 Vienna, Austria
Draft program*

Part I. Online preparatory module

(to be completed by participants prior to the course in Vienna)

Part II. The five-day intensive course in Vienna

Day 1 Monday, September 29

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| 09:00–09:30 | Registration and welcome coffee |
| 09:30–10:00 | Welcome, Introductions, Course Organization and Goals
Elena Sokova , VCDNP, and Gaukhar Mukhatzhanova , CNS |
| 10:00–12:00 | Nuclear Proliferation: Challenges and Opportunities
Dr. William C. Potter , CNS |
| 12:00–13:00 | Lunch break |
| 13:00–14:30 | Nuclear Energy, Fuel Cycle, and Weapons
Annette Schaper , Peace Research Institute Frankfurt |
| 14:30–15:00 | Break |
| 15:00–16:30 | Why Do States Want Nuclear Weapons:
Three Models in Search of a Bomb
Dr. Scott Sagan , Stanford University |

Day 2 Tuesday, September 30

The Nonproliferation Regime: Elements

- 9:00–10:15** The Treaty on the Non-Proliferation of Nuclear Weapons (NPT)
Tariq Rauf, SIPRI
- 10:15–10:30** Break
- 10:30–11:30** Disarmament Machinery
Tariq Rauf, SIPRI
- 11:30–13:00** Comprehensive Nuclear Test Ban Treaty
Jean du Preez, CTBTO
- 13:00–14:00** Lunch break
- 14:00–15:30** Nuclear-Weapon-Free Zones
Gaukhar Mukhatzhanova, CNS
- 15:30–15:45** Break
- 15:45–17:00** Export Control Regimes
Ian Stewart, Kings College

Day 3 Wednesday, October 1

The Nonproliferation Regime: Elements (continued)

- 09:00–10:30** IAEA and International Nuclear Safeguards
Therese Renis, IAEA
- 10:30–10:45** Break
- 10:45–12:00** Case Study: Iraq's Nuclear Program and Its Dismantlement
Dr. Gudrun Harrer, *Der Standard*, University of Vienna
- 12:00–13:00** Lunch
- Unconventional Threats
- 13:00–14:30** Global Internet Governance: Significance for Cybersecurity and International Peace
Mikhail Yakushev, ICANN

14:30–17:00 Field Trip: IAEA safeguards laboratories at the Vienna International Center

Day 4 Thursday, October 2

Unconventional Threats (continued)

09:00–10:30 Nuclear Security and Countering Nuclear Terrorism
Elena Sokova, VCDNP

10:30–10:45 Break

Case Studies

10:45–12:15 Case Study: Iran's Nuclear Program
Gaukhar Mukhatzhanova, CNS

12:15–13:15 Lunch Break

13:15–15:00 Middle East Zone Free of Weapons of Mass Destruction
Gaukhar Mukhatzhanova, CNS
Ambassador Khaled Shamaa, Egypt

15:00–15:15 Break

Nuclear Arms Control and Nuclear Disarmament

15:15–17:00 Bilateral US-Russian/Soviet Arms Control: a look at the STARTs
Dr. Nikolai Sokov, VCDNP

19:00 **Group Dinner in town**

Day 5 Friday, October 3

09:00–11:00 Issues in Disarmament: Verification
Tamara Patton Schell, VCDNP
Dr. Nikolai Sokov, VCDNP

11:00–11:15 Break

11:15–12:30 New Initiatives in Disarmament: Humanitarian Impact and Other Recent Initiatives
Gaukhar Mukhatzhanova, CNS
Ambassador Alexander Kmentt, MFA Austria

12:30–13:00	Lunch
13:00–14:30	Panel Discussion: Towards the 2015 NPT Review Conference Ambassador Alexander Kmentt, Dr. William Potter, Elena Sokova, Gaukhar Mukhatzhanova, Dr. Nikolai Sokov
14:30–14:45	Break
14:45–15:00	Evaluation
15:00 – 15:30	Closing remarks and reactions from course participants Awarding of certificates