



Vienna Center for Disarmament  
and Non-Proliferation

This course is made available thanks to the generous support of the Andrew Carnegie Foundation, the Ministry of Foreign Affairs of the Netherlands and the Federal Ministry for European and International Affairs of Austria.

## **Nuclear Non-Proliferation and Disarmament**

A short, intensive course for diplomats and practitioners

21-25 September 2026

### **Part I. Online preparatory module**

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

### **Part II. Five-day intensive short course**

#### **Day 1: Monday, 21 September**

|                      |                                                                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>09:00 – 09:15</b> | Welcome Coffee                                                                                                                                            |
| <b>09:15 – 09:45</b> | Welcome, Introductions, Course Overview and Logistics<br><b>Elena Sokova</b> , VCDNP<br><b>Noah Mayhew</b> , VCDNP<br><b>Karolina Proprentner</b> , VCDNP |
| <b>09:45 – 11:00</b> | <b>Nuclear Energy and the Fuel Cycle</b><br><b>Dr. Marc Humphrey</b> , IAEA                                                                               |
| <b>11:00 – 11:15</b> | Break                                                                                                                                                     |
| <b>11:15 – 12:45</b> | <b>Treaty on the Non-Proliferation of Nuclear Weapons: History, Provisions and Review Process</b><br><b>Gaukhar Mukhatzhanova</b> , VCDNP                 |
| <b>12:45 – 14:00</b> | Lunch                                                                                                                                                     |
| <b>14:00 – 15:30</b> | <b>Who is Who and Who Has What: An Overview of the Proliferation of Nuclear Weapons</b><br><b>Dr. Nikolai Sokov</b> , VCDNP                               |
| <b>15:30 – 15:45</b> | Break                                                                                                                                                     |
| <b>15:45 – 16:45</b> | <b>NPT Pillar 3: Peaceful Uses of Nuclear Technology</b><br><b>Ingrid Kirsten</b> , VCDNP                                                                 |

**Day 2: Tuesday, 22 September**

|                      |                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>09:00 – 10:30</b> | <b>Nuclear-Weapon-Free Zones</b><br><b>Gaukhar Mukhatzhanova, VCDNP</b>                                                              |
| <b>10:30 – 10:45</b> | Break                                                                                                                                |
| <b>10:45 – 11:30</b> | <b>The IAEA and its Policymaking Organs: Overview and Fireside Chat</b><br><b>Noah Mayhew, VCDNP</b><br><b>Laura Rockwood, VCDNP</b> |
| <b>11:30 – 12:30</b> | Lunch (provided)                                                                                                                     |
| <b>12:30 – 14:15</b> | <b>The Evolution of Safeguards: A Journey Through Time</b><br><b>Laura Rockwood, VCDNP</b>                                           |
| <b>14:15 – 14:30</b> | Break                                                                                                                                |
| <b>14:30 – 16:00</b> | <b>Implementation of IAEA Safeguards</b><br><b>Jana Roeschlova, IAEA</b><br><b>Marta Ferrari, IAEA</b>                               |
| <b>16:00 – 16:15</b> | Break                                                                                                                                |
| <b>16:15 – 17:30</b> | <b>Case Studies in Non-Compliance and Verification</b><br><b>Jacques Baute, Independent Expert</b>                                   |
| <b>18:30</b>         | Group Dinner (provided)                                                                                                              |

**Day 3: Wednesday, 23 September**

|                      |                                                                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>09:00 – 10:30</b> | <b>North Korea's Nuclear Weapons Programme:<br/>Approaches to Negotiation and Current Status</b><br>Noah Mayhew, VCDNP<br>Nikita Degtyarev, Open Nuclear Network |
| <b>10:30 – 11:00</b> | Transfer to the Vienna International Centre (VIC)                                                                                                                |
| <b>11:00 – 12:15</b> | <b>The Comprehensive Nuclear-Test-Ban Treaty</b><br>Karli Seshadri, CTBTO<br>Ahmed Maaty, CTBTO                                                                  |
| <b>12:15 – 13:00</b> | <b>Tour of the CTBTO</b>                                                                                                                                         |
| <b>13:00 – 14:15</b> | Lunch at VIC                                                                                                                                                     |
| <b>14:15 – 16:00</b> | <b>Tour of the IAEA Incident and Emergency Response<br/>Centre</b>                                                                                               |

**Day 4: Thursday, 24 September**

|                      |                                                                                                                                                                                                                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>09:00 – 10:30</b> | <b>Nuclear Security: Roles, Responsibilities and Implementation</b><br><b>Elena K. Sokova, VCDNP</b>                                                                                                                                                                                                             |
| <b>10:30 – 10:45</b> | Break                                                                                                                                                                                                                                                                                                            |
| <b>10:45 – 12:00</b> | <b>Prohibitions of Attacks on Nuclear Facilities</b><br><b>Noah Mayhew, VCDNP</b>                                                                                                                                                                                                                                |
| <b>12:00 – 13:15</b> | Lunch                                                                                                                                                                                                                                                                                                            |
| <b>13:15 – 14:45</b> | <b>Nuclear Arms Control: Theory, Practice and Prospects</b><br><b>Dr. Nikolai Sokov, VCDNP</b>                                                                                                                                                                                                                   |
| <b>14:45 – 15:00</b> | Break                                                                                                                                                                                                                                                                                                            |
| <b>15:00 – 16:30</b> | <b>The CTBT at 30: Current Status and Priorities for the Treaty</b><br><br><b>Dr. Xyoli Pérez Campos, CTBTO</b><br><b>Ambassador Raimonds Oškalns, Latvia</b><br><b>Ambassador Evangelina Lourdes A. Bernas, Philippines</b><br><b>Gaukhar Mukhatzhanova, VCDNP</b><br><br><b>Moderator:</b> Elena Sokova, VCDNP |
| <b>16:30</b>         | Reception                                                                                                                                                                                                                                                                                                        |

**Day 5: Friday, 25 September**

|                      |                                                                                                                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>09:00 – 10:00</b> | <b>An Overview of Emerging Technologies and Impact on the Nuclear Field</b><br><b>Dr. Sarah Case-Lackner</b> , VCDNP                                                                                                                                                    |
| <b>10:00 – 10:15</b> | Break                                                                                                                                                                                                                                                                   |
| <b>10:15 – 11:00</b> | <b>Overview of the Humanitarian Initiative and the Treaty on the Prohibition of Nuclear Weapons (TPNW)</b><br><b>Gaukhar Mukhatzhanova</b> , VCDNP                                                                                                                      |
| <b>11:00 – 12:30</b> | <b>Panel Discussion: Prospects for the 2026 TPNW Review Conference</b><br><b>Ambassador George-Wilhelm Gallhofer</b> , Austria<br><b>Yerzhan Kuatbekov</b> , Kazakhstan<br><b>Johann Paschalis</b> , South Africa<br><br><b>Moderator:</b> Gaukhar Mukhatzhanova, VCDNP |
| <b>12:30 – 13:15</b> | Lunch (provided)                                                                                                                                                                                                                                                        |
| <b>13:15 – 14:15</b> | <b>Nuclear Jeopardy</b><br><b>Noah Mayhew</b> , VCDNP                                                                                                                                                                                                                   |
| <b>14:15 – 14:30</b> | Break                                                                                                                                                                                                                                                                   |
| <b>14:30 – 15:15</b> | <b>Wrap-up Discussion: Everything You Wanted to Know About Nuclear and Didn't Have Time to Ask</b>                                                                                                                                                                      |
| <b>15:15 – 15:30</b> | <b>Evaluations</b>                                                                                                                                                                                                                                                      |
| <b>15:30</b>         | <b>Awarding of Certificates</b>                                                                                                                                                                                                                                         |