

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

A short, intensive course for diplomats and practitioners

18 – 22 March 2024

### **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, 18 March**

<b>09:00 – 09:45</b>	Welcome, Introductions, Course Overview and Logistics <b>Elena Sokova, VCDNP</b> <b>Noah Mayhew, VCDNP</b> <b>Karolina Proprentner, VCDNP</b>
<b>09:45 – 11:15</b>	<b>Nuclear Energy and the Fuel Cycle</b> <b>Dr. Marc Humphrey, IAEA</b>
<b>11:15 – 11:30</b>	Break
<b>11:30 – 13:00</b>	<b>Who is Who and Who Has What: An Overview of the Proliferation of Nuclear Weapons</b> <b>Dr. Nikolai Sokov, VCDNP</b>
<b>13:00 – 14:15</b>	Lunch Break
<b>14:15 – 16:00</b>	<b>Treaty on the Non-Proliferation of Nuclear Weapons: History, Provisions and Review Process</b> <b>Elena K. Sokova, VCDNP</b>

## **Day 2: Tuesday, 19 March**

- 09:00 – 10:30**                    **The IAEA and the Evolution of Safeguards**  
**Laura Rockwood, VCDNP**
- 10:30 – 10:45**                    Break
- 10:45 – 12:15**                    **Implementation of IAEA Safeguards**  
**Dr. Abdellah Chahid, IAEA**
- 12:15 – 14:00**                    **Informal discussion: Naval Nuclear Propulsion**  
[lunch provided]  
**Laura Rockwood, VCDNP**  
**Dr. Nikolai Sokov, VCDNP**  
**Moderator: Noah Mayhew, VCDNP**
- 14:00 – 15:45**                    **Export Control Regimes**  
**Louis Reitmann, VCDNP**  
**Scot Gonzales, BIS**  
**Dina Hofman, BIS**
- 15:45 – 16:00**                    Break
- 16:00 – 17:00**                    **NPT Pillar 3: Peaceful Uses of Nuclear Technology**  
**Ingrid Kirsten, VCDNP**
- 18:30**                                Group Dinner [provided]  
**Restaurant Danieli** (Himmelpfortgasse 3,1010 Wien)

## **Day 3: Wednesday, 20 March**

- 09:00 – 10:45**                    **Case Studies in Verification**  
**Jacques Baute, Independent Expert**
- 10:45 – 11:00**                    Break
- 11:00 – 12:30**                    **Humanitarian Initiative and the Treaty on the Prohibition of Nuclear Weapons (TPNW)**  
**Ambassador Alexander Kmentt (Austria)**
- 12:30 – 13:10**                    Lunch [provided]
- 13:10 – 13:30**                    Transfer to the Vienna International Centre (VIC)
- 13:30 – 16:40**                    **Tours of the IAEA and CTBTO (VIC)**

#### **Day 4: Thursday, 21 March**

<b>09:00 – 10:30</b>	<b>Nuclear Security: Roles, Responsibilities and Implementation</b> <b>Elena K. Sokova, VCDNP</b>
<b>10:30 – 10:45</b>	Break
<b>10:45 – 12:00</b>	<b>Nuclear-Weapon-Free Zones</b> <b>Gaukhar Mukhatzhanova, VCDNP</b>
<b>12:00 – 12:30</b>	Lunch [provided]
<b>12:30 – 14:00</b>	<b>AI and Nuclear Decision Making</b> Report presentation and discussion [hybrid] <b>Alice Slatini, European Leadership Network</b> <b>Fei Su, SIPRI</b> <b>Héloïse Fayet, IFRI</b> <b>Oleg Shakirov, Johns Hopkins</b> <b>Moderator: Elena K. Sokova, VCDNP</b>
<b>14:00 – 14:15</b>	Break
<b>14:15 – 15:45</b>	<b>Nuclear Arms Control: Theory, Practice and Prospects</b> <b>Dr. Nikolai Sokov, VCDNP</b>
<b>15:45 – 16:00</b>	Break
<b>16:00 – 17:00</b>	<b>Alumni Panel</b> <b>Hanne Ristevirte, Finland</b> <b>Bachir Azzam, Lebanon</b>
<b>17:00</b>	<b>Alumni Social</b>

#### **Day 5: Friday, 22 March**

<b>09:00 – 10:30</b>	<b>The Comprehensive Nuclear-Test-Ban Treaty</b> <b>Karli Seshadri, CTBTO</b> <b>Charles Oko, CTBTO</b>
<b>10:30 – 10:45</b>	Break
<b>10:45 – 12:00</b>	<b>Quiz Game</b> <b>Gaukhar Mukhatzhanova, VCDNP</b> <b>Noah Mayhew, VCDNP</b>
<b>12:00 – 13:00</b>	Lunch [provided]

**13:00 – 14:15**

**Wrap-up Discussion with VCDNP Experts**

**14:15 – 15:00**

**Coffee and Evaluations**

**15:00**

**Awarding of Certificates**