



Vienna Center for Disarmament  
and Non-Proliferation

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

A short intensive course for diplomats and practitioners  
20–24 March 2023

### Program

#### **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, 20 March**

<b>09:00 – 09:45</b>	Welcome, Course Overview, and Logistics <b>Elena Sokova, VCDNP</b> <b>Gaukhar Mukhatzhanova, VCDNP</b> <b>Karolina Mirbach, VCDNP</b>
<b>09:45 – 10:00</b>	Break
<b>10:00 – 11:30</b>	<b>Nuclear Energy and Fuel Cycle</b> <b>Dr. Marc Humphrey, IAEA</b>
<b>11:30 – 12:00</b>	<b>New Reactor Designs</b> <b>Juan Jose Rodriguez, VCDNP</b>
<b>12:00 – 13:00</b>	Lunch break
<b>13:00 – 14:45</b>	<b>Who is Who and Who Has What – An Overview of the Spread of Nuclear Weapons</b> <b>Dr. Nikolai Sokov, VCDNP</b>
<b>14:45 – 15:00</b>	Break
<b>15:00 – 16:45</b>	<b>Treaty on the Non-Proliferation of Nuclear Weapons (NPT): History, Provisions, and Review Process</b> <b>Gaukhar Mukhatzhanova, VCDNP</b>

## **Day 2: Tuesday, 21 March**

- 09:00 – 10:45**                    **IAEA and the Evolution of Safeguards**  
**Laura Rockwood, VCDNP**
- 10:45 – 11:00**                    Break
- 11:00 – 12:30**                    **Implementation of IAEA Safeguards**  
**Ania Kim Kaminski, IAEA**
- 12:30 – 13:30**                    Lunch break
- 13:30 – 15:00**                    **Comprehensive Nuclear-Test-Ban Treaty**  
**Dr. Mohammad Daryaei, CTBTO**
- 15:00 – 15:15**                    Break
- 15:15 – 16:45**                    **Nuclear-Weapon-Free Zones**  
**Gaukhar Mukhatzhanova, VCDNP**
- 18:00 – 20:00**                    Course Dinner

## **Day 3: Wednesday, 22 March**

- 09:00 – 12:00**                    Tours of the IAEA and the CTBTO
- 12:00 – 13:15**                    Lunch break (at the VIC)
- 13:30 – 15:15**                    **Case Study: Iran’s Nuclear Program and the Joint  
Comprehensive Plan of Action**  
**Laura Rockwood, VCDNP**  
**Gaukhar Mukhatzhanova, VCDNP**
- 15:15 – 15:30**                    Break
- 15:30 – 17:00**                    **Case Study: DPRK’s Nuclear Program and the Use of New  
Tools for Verification**  
**Noah Mayhew, VCDNP**  
**Jaewoo Shin, Open Nuclear Network**

#### **Day 4: Thursday, 23 March**

- 09:00 – 10:30**                      **Nuclear Security: Challenges, Mechanisms, and Implementation**  
**Elena Sokova, VCDNP**
- 10:30 – 10:45**                      Break
- 10:45 – 12:00**                      **Peaceful Uses of Nuclear Technology and The Nexus with Nuclear Security**  
**Ingrid Kirsten, VCDNP**
- 12:00 – 13:00**                      Lunch [provided]
- 13:00 – 14:15**                      **International Norms, Nuclear Taboo and the Risk of Use of Nuclear Weapons**  
*A conversation with Dr. Nina Tannenwald (online)*
- 14:15 – 15:15**                      **International Humanitarian Law and Nuclear Doctrines**  
*Continued closed discussion with Dr. Nina Tannenwald*
- 15:15 – 15:30**                      Break
- 15:30 – 16:45**                      **Alumni panel/roundtable**  
**Ms. Rana Abida, Jordan**  
**Ms. Mariana Olvera, Mexico**
- 17:00**                                      Alumni Social

#### **Day 5: Friday, 24 March**

- 09:00 – 10:45**                      **Nuclear Arms Control: Past, Present, and Future**  
**Dr Nikolai Sokov, VCDNP**
- 10:45 – 11:00**                      Break
- 11:00 – 12:30**                      **Nuclear Non-Proliferation and Disarmament Diplomacy in Times of Crisis**  
*Closed roundtable*  
**Ambassador Alexander Kmentt, Austria**  
**Ambassador Li Song, China**  
**Ambassador Mohamed Elmolla, Egypt**
- 12:30 – 13:30**                      Lunch [provided]
- 13:30 – 14:30**                      **Quiz game**
- 14:30 – 15:45**                      **Evaluations and Wrap-Up Discussion**
- 15:30 – 16:15**                      **Awarding of Certificates**