



BSWN Mentorship Catalog

Rev. 5/January 2025

Item no.	Area of mentorship	Topic	What you can learn?	Duration	Mentor / Country	Language
1)	BIOLOGICAL AND CHEMICAL SECURITY	Biological and Chemical Security	The course will address the international frameworks governing biological and chemical security, focusing on the prevention of biological and chemical weapons, response to security threats, and enhancing national and institutional security practices.	2-6 hours	Fatma Cengiz / Turkiye	English, Turkish
2)	CBRN	CBRN Security	The course will provide information about the international regulatory framework for countering CBRN security risks, responses to CBRN hybrid threats, and national and institutional approaches for enhancing CBRN preparedness.	~ 2-6 hours (depending on needs) consisting of presentations, discussions, consultations.	Tatyana Novosiolova / Bulgaria	Bulgarian, English, Russian
3)	CBRN	CBRN Preparedness and Risk Assessment	This course will cover CBRN risk assessment methods, focusing on preparedness strategies, emergency response plans, and best practices for mitigating the risks associated with chemical, biological, radiological, and nuclear threats.	6 hours	Fatma Cengiz / Turkiye	English, Turkish



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4)	COMMERCIAL NUCLEAR POWER PLANT OPERATION	Commercial Nuclear Power Plant Operation	The course will provide information about the day-to-day operation of a nuclear plant, from a technical, human interaction and organizational point of view. While this is a broad topic, it can be focused based on the audience.	1-2 hours	Alan Sinclair / Canada	English
5)	DEVELOPMENT OF NUCLEAR PROGRAM	Romania and its civil nuclear program	The course will provide information about Romanian civil nuclear program – past, present and future (2 CANDU Units in operation, 2 CANDU Units in completion, SMRs, fuel cycle, waste management, R&D, regulation and nonproliferation)	2 lectures, each 60 minutes	Elena Popescu / Romania	English, Romanian
6)	ENERGY PLANNING, STRATEGIES, NUCLEAR INVESTMENTS, INTERNATIONAL ENVIRONMENT FOR NUCLEAR	The energy planning system (energy planning, strategies, investments with focus on nuclear energy)	Participants will learn theoretical notions about energy planning and its necessity, why an energy strategy is needed, how it is done and how investments help to reach the goal of 0 CO2 emissions by 2050.	2 lectures, each 60 minutes	Elena Popescu / Romania	English, Romanian
7)	EURATOM LEGISLATION AND NUCLEAR FRAMEWORK	Legal framework for nuclear	The participants will be able to capture the expertise of a mentor directly involved for 5 years in the development of European legislation in the field of nuclear energy. The mentor worked in the	2 lectures, each 60 minutes	Elena Popescu / Romania	English, Romanian



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			Permanent Representation of Romania next to the EU, Brussels, as an advisor for the nuclear field and international energy relations.			
8)	HR	Different Type of Evaluations	The course will provide information about types of HR evaluations.	2-4 hours consisting of presentations, discussions, personalized consultations	Madalina Stefanic / Romania	English , Romanian
9)	HR	Relations between competencies, job offer, job description, performance objectives and performance appraisals	The course will provide information about nuclear standards (IAEA, INPO), how to determine a list of competencies applied to organization, and the relations between competencies, job offer, job description, performance objectives and performance appraisals etc.	1-2 hours consisting of presentations, discussions, personalized consultations	Madalina Stefanic / Romania	English , Romanian
10)	HR	Selections Interviews	The course will provide information about types of selection interviews, how to develop an effective interview during selection process as an HR professional etc.	1-2 hours consisting of presentations, discussions, personalized consultations	Madalina Stefanic / Romania	English , Romanian



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11)	HR	Succession Plan	The course will provide information about nuclear standards (IAEA, INPO), implementation methods, KPIs, motivation instruments, concerns and areas of focus etc.	1-2 hours consisting of: presentations, discussions, personalized consultations.	Madalina Stefanic / Romania	English , Romanian
12)	HR	Talent Management	The course will provide information about nuclear standards (IAEA, INPO), nuclear career paths development, methods to develop management staff and their successors etc.	1-2 hours consisting of presentations, discussions, personalized consultations	Madalina Stefanic / Romania	English , Romanian
13)	HR	Career Development	The course will provide information about strategizing your career path, planning publications, extracurricular activities, internships, and professional memberships. We will also answer the following questions: How to navigate job market if you do not come from a privileged background? What can you do if finding a job turns out to be challenging? How to not give up after rejections and perceived failures? How to gain confidence in what you do and what you are?	2 hours (1 per month) consisting of presentations, discussions, personalized consultations	Valeriia Hesse / Ukraine	English, Ukrainian



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			How to reduce imposter syndrome? How to boost your portfolio?			
14)	HR	Developing research skills & publications	For example, how to produce an outline, collect data, review literature, and produce a clear analysis – to use in a blogpost or policy brief, or to submit to an international peer-reviewed journal.	A 1-2 hour seminar/webinar session, or as many individual conversations as required.	Zenobia Sabrina Homan / United Kingdom	English , Dutch
15)	HR	Making the most of your degree and experience (transferrable skills)	For example, working out how to use a background in science to produce effective policy, and how to use a background in humanities to contribute to a technical sector.	A 1-2 hour seminar/webinar session, or as many individual conversations as required.	Zenobia Sabrina Homan / United Kingdom	English , Dutch
16)	LEADERSHIP	Leadership in Nuclear Security, Navigating Gender and Leadership in Male-Dominated Field	The course will provide information about the importance of strong leadership in the nuclear industry, particularly in promoting a culture of safety and security. Additionally, the course will discuss the unique challenges and opportunities for women in leadership roles within traditionally male-dominated sectors, like the nuclear security.	60 minutes	Fatema Alnaqbi / United Arab Emirates	English, Arabic



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17)	LEADERSHIP	Ethical Decision-Making in High-Stakes Environments	The course will provide information about the importance of integrity and ethical standards in decision-making within nuclear security.	30 minutes	Fatema Alnaqbi / United Arab Emirates	English, Arabic
18)	LEADERSHIP	International Collaboration and Partnerships	The course will provide a framework on how to share experiences working with international organizations like the US Department of Energy (DOE), National Nuclear Security Administration (NNSA), and World Institute for Nuclear Security (WINS), and discuss how to establish and maintain effective partnerships.	30 minutes	Fatema Alnaqbi / United Arab Emirates	English, Arabic
19)	LEADERSHIP	Executive Coaching for Team Dynamics	The course will provide strategies that promote positive team behaviors and collaboration within nuclear security teams.	60 minutes	Fatema Alnaqbi / United Arab Emirates	English, Arabic
20)	LEADERSHIP	Unlocking the Power of Connections: Mastering Network Membership for Success	Networking has always been an essential ingredient for success. Recognizing the importance and navigating the challenges of networking requires a strategic and authentic approach. By mastering the art of networking, mentees can tap into a vast pool of	4 hours	Adeline Yuego / Cameroon	English, French



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			opportunities, collaborations, and mentorship.			
21)	MENTORING AND MENTEE RELATIONSHIPS (basics)	The importance of the mentor/mentee relationship	The course will provide information about the roles and responsibilities of mentors and mentees. Topics covered will include the different types of mentoring, identifying and creating a mentor network, relationship building, conflict management, and mentoring of different audiences. This course is especially important for young professionals wanting to understand how to succeed in their careers through professional, social, and mental balance.	2 hours	Jason Harris / USA	English
22)	MENTORING AND MENTEE RELATIONSHIPS (basics)	Shared expectations and mentoring	The course will provide information about how to optimize the mentor/mentee relationship through a shared expectations approach. Participants will develop their own shared expectations guidelines to use with mentors/mentees. Cultural and gender differences will also be explored.	2 hours	Jason Harris / USA	English



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23)	NONPROLIFERATION	North Korean nuclear program. Lessons for the nonproliferation and challenge for disarmament	The Democratic People's Republic of Korea (DPRK) took initial steps toward the development of a civilian nuclear program in the 1950s. DPRK became a state party to the Nonproliferation Treaty (NPT) in 1985, but announced in 2003 that it would no longer be bound by the treaty. Since that time, negotiations over the North Korean nuclear program have not resolved the dispute between the DPRK and the international community. North Korea tested a nuclear weapon in 2006 and in 2009. Subsequently the Security Council adopted two Chapter VII resolutions condemning the tests and imposing sanctions. Both the DPRK's withdrawal from the NPT and its nuclear-weapon tests constitute significant challenges to the NPT regime. Mentees will learn about the DPRK nuclear program, what are lessons to be learned for the nonproliferation and challenges for disarmament, in this context	2 lectures, each 60 minutes	Valeriia Gergieva / Ukraine	English , Ukrainian



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24)	NONPROLIFERATION	The Iranian nuclear program 1957-2024. Iranian threshold status and cooperation with Russia as current challenges for nonproliferation regime	Iran has been threatening in cooperation with Russia the nonproliferation regime for a long time and it is a key topic for students to understand why and how this poses a risk to the global security environment. In this manner, the program will cover historical background of the Iranian nuclear program, the process and implementation of the JCPOA and the US withdrawal from it. In addition, mentees will be discovering possibilities for the way forward.	2 lectures, each 90 minutes	Valeriia Gergieva / Ukraine	English , Ukrainian
25)	NUCLEAR AND RADIOLOGICAL SECURITY	Government-NGO partnerships in enhancing nuclear and radiological security	The course provides an introduction to objectives and engagement of Georgian civil society actors in capacity-building of governmental and professional communities of Georgia in the area of nuclear security and WMD nonproliferation, raising awareness on national level strategic documents and the security-related legislation of Georgia; democratic oversight of Georgia's defense/security sector, security sector reform agenda and	2-4 hours consisting of presentations, discussions, personalized consultations	Tamara Pataraiia / Georgia	English , Georgian



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			future prospects of Georgia's EU and NATO integration			
26)	NUCLEAR DIPLOMACY, INCLUDING INTERNATIONAL ORGANIZATIONS AND REGIMES IN NONPROLIFERATION, NUCLEAR RISK REDUCTION, NUCLEAR SECURITY, ARMS CONTROL, AND DISARMAMENT	Any topic of mentee's interest from the list	<p>The course will provide information about the topic of mentee's interest as he / she identifies from the variety of themes and fields Valeriia has worked on throughout her career.</p> <ul style="list-style-type: none"> • U-Factor: Russia's War on Ukraine and the Deterrence vs. Disarmament Discussion. Pragmatic Internationalism; • Russia's Foreign and Security Policy: The Evolution of the Escalation Strategy; • Contributed to the research behind "Is It a Nuke?: Pre-Launch Ambiguity and Inadvertent Escalation"; • Accelerating Safeguards Innovations; • Undergirding the IAEA: How Regional Safeguards Agreements Can Take the Pressure Off; • Success Beyond Final Documents: Strategic 	4 hours (1 per month) consisting of discussions and personalized consultations, if required	Valeriia Hesse / Ukraine	English, Ukrainian



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			<p>Recommendations for the 2026 NPT Review Conference (upcoming, 2024), Arms Control and Negotiation Academy (ACONA) Policy Brief;</p> <ul style="list-style-type: none"> • How Doing Justice to Ukraine Can Help Win the Battle for the Future of Nuclear Security ; • Strengthening the nuclear order: Pragmatic internationalism amid Russia’s war against Ukraine <p>Winning the Game of Chicken With Memes: Ukrainian Reactions to Russian Threats;</p> <ul style="list-style-type: none"> • Northeast Asia <p>Consequences of Nuclear Escalation in Ukraine;</p> <ul style="list-style-type: none"> • Learning from the JCPOA Experience: Restarting Dialogue Aimed at Crisis Resolution; • A Ukrainian expert assesses the possible impact of a military attack on the Zaporizhzhia nuclear power plant ; • Intermediate-Range Nuclear Forces Treaty (INF): The Path Forward ; 			



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			<ul style="list-style-type: none"> • Nuclear Security Culture for Users of Radioactive Sources: Model, Self-assessment, Enhancement; • Export Control Instruments: Duplication of Effort; • “Atoms for Peace” without Atoms: Why Non-Nuclear States Join the IAEA; • 1540 Impact: Substantive Normative Changes after 2004?; • The CTBT: Possible Subsequent Domino Effect Of The U. S. Ratification In The Context Of The Global Nuclear Nonproliferation Regime; • Nuclear Programs of India Pakistan: "The Domino Effect" or the Transformation of Nuclear Nonproliferation Regime? 			
27)	NUCLEAR INSTALLATION	Installation of Calandria and heavy water systems at Cernavoda Nuclear Power Plant, Units 1&2 (1983 – 1996)	The mentees will find out what it meant to be Head of the "Calandria Installation and Heavy Water Systems" division during the construction period of units 1&2 at Cernavoda Nuclear Power Plant and details about the activities carried	2 lectures, each 60 minutes	Elena Popescu / Romania	English, Romanian



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			out during that period: the development of mechanical assembly and control procedures for the systems related to the nuclear reactor and heavy water management systems; promoting and approving installation procedures up to the stage of "ready for execution"; preparing the assembly and providing technical assistance on site, for the implementation of the elaborated procedures; participation in the development of the assembly manual for nuclear power plants and the provision of training courses for employees.			
28)	NUCLEAR NONPROLIFERATION AND NUCLEAR SECURITY TRAINING, PROFESSIONAL DEVELOPMENT PROGRAMS	Training and other professional development opportunities.	There is a great number of nuclear nonproliferation and nuclear security training and professional development programs offered to professionals worldwide. They range from one-week intensive courses to year-long residency opportunities. This topic summarizes key programs offered by CNS and other leading think tanks in the US and other countries,	60 minutes	Margarita Kalinina-Pohl / US	English



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			as well as by international organizations, such as IAEA, and others.			
29)	NUCLEAR SAFETY	Design, Siting, Construction, Commissioning and Operation of Nuclear Power Plants (NPP)	<p><i>Note: Only for people who work in organizations that already have nuclear power plants in operation or under construction (including regulatory authorities).</i></p> <p>The course will provide information about:</p> <ul style="list-style-type: none"> • Nuclear safety standards • Nuclear safety legislation and regulations • NPP Design bases • Systems, structures, components and equipment important for safety and reliability • Protection against internal and external events • Environmental qualification • Seismic qualification • Safety classification • Design documentation • Design specifications • Siting requirements and evaluations 	1 - 2 years, depending on the complete list of topics agreed	Madalina Coca / Romania	English, Romanian



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			<ul style="list-style-type: none"> • The concept of site envelope • Site selection, site preparation, site reassessment • Construction • Commissioning • Operational activities • Plant states and modes of operation • Limits and conditions for operation • Operating procedures; technical bases for operating procedures; verification and validation of procedures • Operator fundamentals • Post-trip reviews • Shift staffing • Types of maintenance • Maintenance procedures; technical bases for maintenance procedures; verification and validation of procedures; • Foreign Material Exclusion • Plant upgrades / Refurbishment • Mandatory tests 			



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			<ul style="list-style-type: none"> • Types of in-service inspections • Ageing Management • Configuration Management • Radiological Protection • Fire Protection • Response to transients and accident management • Emergency Planning and Preparedness • Training and Qualification • Dealing with climate change issues • Human Factors Engineering and Human Performance • Cybersecurity basics • Nuclear security basics • Interfaces between nuclear safety and nuclear security • Management and Leadership for nuclear safety • Nuclear safety culture <p>The list of topics can be tailored.</p>			
30)	NUCLEAR SAFETY	Nuclear Safety Culture	The course will provide information about Nuclear Safety Fundamentals including the 8 principles of Nuclear Safety as well as how personal	1-2 hours	Alan Sinclair / Canada	English



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			beliefs and national cultures can challenge the implementation.			
31)	NUCLEAR SECURITY	Departmental control over provision of physical protection of nuclear installations and nuclear materials	Order of the Ministry of Energy and Coal Industry of Ukraine, the Ministry of Emergency Situations of Ukraine, the National Academy of Sciences of Ukraine dated 10.17.2011 No. 621/1095/656, registered in the Ministry of Justice of Ukraine on November 7, 2011 under No. 1267/20005 "On Approval of the Procedure for Controlling the Provision of Physical Protection nuclear installations, nuclear materials, radioactive waste, other sources of ionizing radiation".	1 hour consisting of presentations and discussions	Alona Samsonenko / Ukraine	English , Ukrainian
32)	NUCLEAR SECURITY	Measures of operating organizations to meet the requirements of physical protection of nuclear installations and nuclear materials	<ul style="list-style-type: none"> a. Establishing and implementing the procedure for financing the creation and ensuring the functioning of physical protection systems b. Creating the conditions for protection of information with limited access c. Fulfilling the requirements of a special inspection and 	10 hours (4 or 5 sessions) consisting of presentations, discussions and practice sessions	Alona Samsonenko / Ukraine	English , Ukrainian



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			<p>admission to the performance of special works</p> <p>d. Establishing responsibility for the implementation and maintenance of the physical protection regime</p> <p>e. Creating and ensuring the functioning of quality management systems for physical protection of specific objects of the state physical protection system</p> <p>f. Conducting professional retraining and advanced training in physical protection of specialists who are entrusted with the implementation of physical protection functions and the performance of other special works</p> <p>g. Developing an object project threat and ensuring compliance of the object project threat with the project threat</p> <p>h. Determining of the category and level of physical protection of nuclear installations and nuclear materials, and ensuring approval and of acts to determe the</p>			



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			<p>level of physical protection in accordance with legislation</p> <p>i. Determining of the maximum possible radiation consequences of the implementation of object design threats (without taking into account the physical protection system)</p> <p>j. Defining the physical protection system of a nuclear installation</p> <p>k. Developing and approving technical tasks for the creation of a system of physical protection of a nuclear installation</p> <p>l. Submitting projects for the creation, modernization and reconstruction of physical protection systems of a nuclear installation for the state examination of physical protection</p> <p>m. Developing and implementing of plans for providing physical protection</p> <p>n. Creating a system of physical protection of a nuclear installation</p>			



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			<p>o. Developing, approving and implementing physical protection procedures</p> <p>p. Ensuring the use of security units in the physical protection system of a nuclear installation</p> <p>q. Ensuring the reflection of physical protection requirements in emergency preparedness and emergency response plans, as well as training and education of personnel of physical protection units and security units regarding actions in emergency situations</p> <p>r. Developing and ensuring approval of object plans of interaction and implementing measures to ensure their effectiveness</p> <p>s. Conducting a check of the effectiveness of object interaction plans in the event of sabotage and, if necessary, taking measures to improve them</p> <p>t. Carrying out an assessment of the vulnerability of a nuclear installation</p>			



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			<p>u. Introduction of the physical protection system of the nuclear installation into operation</p> <p>v. Ensuring continuous operation of the physical protection system of the nuclear installation, conformity of the operational characteristics of the system with the requirements of the legislation</p> <p>w. Ensuring the operational management of engineering and technical means, complexes of engineering and technical means of the physical protection system and their technical operation in accordance with the design and operational documentation in accordance with the procedure established by law</p> <p>x. Developing and implementing programs for the technical re-equipment of engineering and technical means, complexes of engineering and technical means of the physical protection system</p> <p>y. Developing security culture</p>			



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			z. Assessing the state of the physical protection system			
33)	NUCLEAR SECURITY	National regime of physical protection of nuclear installations, nuclear materials, radioactive waste, other sources of ionizing radiation	<p>a. Tasks of nuclear legislation. Scope of nuclear legislation. State management and state regulation in the field of nuclear energy use and radiation safety.</p> <p>b. The need for physical protection; purposes of physical protection; principles of state policy on physical protection; primary requirements for physical protection; basic requirements of physical protection; powers of state bodies and responsibilities of licensees regarding physical protection.</p> <p>c. About the use of nuclear energy and radiation safety</p> <p>d. About permitting activities in the field of nuclear energy use</p> <p>e. On physical protection of nuclear installations, nuclear materials, radioactive waste, other sources of ionizing radiation</p> <p>f. About transportation of dangerous goods</p>	6 hours (2 or 3 sessions) consisting of presentations and discussions	Alona Samsonenko / Ukraine	English , Ukrainian



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			<ul style="list-style-type: none"> g. About the Security Service of Ukraine h. About the National Guard of Ukraine i. About the fight against terrorism j. About access to public information l. About state secrets. m. Acts of the Cabinet of Ministers of Ukraine n. Normative and legal acts of the State Nuclear Regulation o. Normative and legal acts of the central bodies of executive power, which carry out state administration, and of the National Academy of Sciences of Ukraine. 			
34)	NUCLEAR SECURITY	Responsibility for violation of the legislation of Ukraine on physical protection	<ul style="list-style-type: none"> a. Article 7 of the Convention on Physical Protection of Nuclear Materials. b. Chapter XIV of the Law of Ukraine "On the Use of Nuclear Energy and Radiation Safety". c. Article 32 of the Law of Ukraine "On Physical Protection of Nuclear Installations, Nuclear 	2 hours consisting of presentations and discussions	Alona Samsonenko / Ukraine	English , Ukrainian



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			Materials, Radioactive Waste, and Other Sources of Ionizing Radiation." d. Article 171 of the Law of Ukraine "On licensing activities in the field of nuclear energy use".			
35)	NUCLEAR SECURITY	State supervision of compliance with legislation on physical protection and fulfillment of license conditions	Resolution of the CMU dated 13.12.2013 No. 824 "Procedure for state supervision of compliance with nuclear and radiation safety requirements"	1 hour consisting of presentations and discussions	Alona Samsonenko / Ukraine	English , Ukrainian
36)	NUCLEAR SECURITY	The legislative system of Ukraine	a. Definition of terms: legislation of Ukraine, normative legal act, rule of law. b. Vertical hierarchical structure of domestic legislation on physical protection. c. The Constitution of Ukraine: clarification. d. International treaties of Ukraine: clarification. e. Laws of Ukraine: clarification. f. Legal acts of the President of Ukraine: clarification.	2 hours consisting of presentations, discussions and practice sessions	Alona Samsonenko / Ukraine	English , Ukrainian



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			<p>g. Regulatory acts of the Cabinet of Ministers of Ukraine: clarification.</p> <p>h. Normative legal acts of ministries and other central bodies of executive power: clarification.</p> <p>i. IAEA recommendations on physical protection: clarification.</p> <p>j. Organizational and administrative documents of licensees: clarification.</p>			
37)	NUCLEAR SECURITY	The role of the IAEA in the structure of international physical security	<p>a. Summits on physical nuclear security.</p> <p>b. Series of publications of the IAEA on physical nuclear security. Physical Nuclear Security Recommendations for the Physical Protection of Nuclear Material and Nuclear Installations INFCIRC/225/Rev.5.</p> <p>c. The state regime of physical nuclear security. State regime of physical protection.</p>	3 hours consisting of presentation, discussions and practice session	Alona Samsonenko / Ukraine	English , Ukrainian
38)	NUCLEAR SECURITY	Ukraine's international obligations in the	International conventions and agreements related to physical	2 hours consisting of	Alona Samsonenko / Ukraine	English , Ukrainian



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		field of physical protection	protection and ratified by Ukraine, namely: a. Law of Ukraine "On International Agreements of Ukraine" b. Agreement between Ukraine and the International Atomic Energy Agency on the application of guarantees c. Convention on Physical Protection of Nuclear Material d. Amendments to the Convention on the Physical Protection of Nuclear Material e. International Convention on Combating Acts of Nuclear Terrorism	presentations and discussions		
39)	NUCLEAR SECURITY	Raising awareness of the importance of international legal instruments for nuclear security and training in drafting national nuclear law with a focus on nuclear security provisions	Raising awareness of the importance of adherence and commitment to the international legal instruments governing nuclear security and implementation of the obligations and recommendations set out in them, as well as training in developing a national law for peaceful uses of nuclear energy and	To be determined according to the purpose and demand	Desislava Spassova / Bulgaria	English , Bulgarian



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			ionizing radiation, with a focus on nuclear security provisions			
40)	NUCLEAR SECURITY	Sharing experience and skills related to delivering lectures in international and national legal framework for nuclear security	The best methods and approaches in teaching this complex and technical subject to both lawyers and non-lawyers	To be determined according to the purpose and demand	Desislava Spassova / Bulgaria	English , Bulgarian
41)	NUCLEAR SECURITY	Government-NGO partnerships in enhancing nuclear security	When it comes to the involvement of NGOs in the field of nuclear security, a lot of progress has been achieved since 2014. Both, the 2014 Nuclear Security Summit (NSS) in the Hague and the last NSS in Washington, DC, in 2016, included notable side events called Nuclear Knowledge Summits which brought together experts from academic and research institutions and other NGOs from all over the world. The purpose of these events, as defined by the World Institute of Nuclear Security (WINS), was to “create a broad platform of experts and NGO	60 minutes	Margarita Kalinina-Pohl / US	English



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			support internationally in order to promote nuclear security and to support the NSS process.” Although names of these side-event summits did not bear the word “NGO”, they were commonly referred to as “NGO summits.” Adding the meetings of experts and NGOs communities to the NSS 2014 and 2016 agendas was a significant breakthrough in building NGO-government partnerships and bridges in the field of nuclear and radiological security. It increased the visibility and role of the non-governmental sector in strengthening nuclear security by complementing existing national and international efforts. Discussion will include concrete examples of partnerships in radiological security between the James Martin Center for Nonproliferation Studies and governmental bodies of several IAEA member states.			
42)	NUCLEAR SECURITY	International Obligations and the	The topic will provide information about:	2 hours	Robert Rodger / UK	English



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		Outcomes Based Regulatory Approach	a) International and National Obligations and Commitments b) The Key Elements of Nuclear Security Legislation c) Outcomes Based Regulation (strengths and weaknesses) Delivered through Presentation and Discussion			
43)	NUCLEAR SECURITY	Physical Protection System	The topic will provide information about: a) Security Functions b) Asset Identification and Consequences c) Secure by Design d) Equipment, People and Procedures e) Vulnerability Assessment f) Threats Delivered through Presentation and Discussion	4 hours	Robert Rodger / UK	English
44)	NUCLEAR SECURITY AND NONPROLIFERATION	Global security and nuclear nonproliferation	This course aims to cover aspects of current nonproliferation, arms control and disarmament issues, including humanitarian arms control issues, export control of strategic goods etc. Special attention will be paid to explore how international nonproliferation	2-4 hours consisting of: presentations, discussions, personalized consultations.	Tamara Pataraiia / Georgia	English , Georgian



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			and disarmament law is enforced through national laws in Georgia, and how Black Sea regional partners and neighbors of Georgia contribute to global nuclear nonproliferation objectives, as well as how they act in the international arena to comply and enforce international nonproliferation norms and regulations.			
45)	ORGANIZATION OF INTERNATIONAL WORKSHOPS AND EVENTS	Organizing international workshops and events (challenges, logistics, funding, etc.)	For example, how to reach the right audience and experts, obtain the necessary permissions, coordinate with the venue, and figuring out how to finance it all.	A 1-2 hour seminar/webinar session, or as many individual conversations as required.	Zenobia Sabrina Homan / United Kingdom	English , Dutch
46)	ORGANIZING INTERNATIONAL WORKSHOPS AND EVENTS	Organizing International Workshops and Events	This mentorship will focus on the best practices for organizing international workshops and events, including planning logistics, coordinating with stakeholders, and managing challenges associated with global events.	1-2 hours	Fatma Cengiz / Turkiye	English, Turkish
47)	RADIOLOGICAL SECURITY	Radiological Security	This course will provide insight into protecting and managing radioactive sources, including	90 minutes	Fatma Cengiz / Turkiye	English, Turkish



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			orphan sources and materials out of regulatory control (MORC). It will cover international guidelines such as the IAEA's Code of Conduct on the Safety and Security of Radioactive Sources.			
48)	RADIOLOGICAL SECURITY	Radiological security	Each country has radioactive sources which are used in medicine, industry, research, and other applications. Every year, large amounts of radioactive sources go missing worldwide. A number of commonly used isotopes in radioactive source, including Co-60, Cs-137, Am-Ir-192, Am-241 are of security concern and can be used in radiological dispersal devices (RDD). Of particular concerns are so-called "orphan" sources and other material out of regulatory control. IAEA provides international guidance to member states based on the Code of Conduct on the Safety and Security of Radioactive Sources. The radiological security field encompasses a wider range of activities aimed at 1) protecting radioactive sources; 2) safely	90 minutes	Margarita Kalinina-Pohl / US	English



Item no.	Area of mentorship	Topic	What you can learn?	Duration	Mentor / Country	Language
			removing and disposing of disused radioactive sources; 3) tracking down orphan radioactive sources and MORC (material out of regulatory control), and 4) reducing global reliance on high activity radioactive sources by promoting alternative technologies, and other activities.			
49)	TRAINING	Active learning methods in teaching and training	The course will provide information about basic principles of the science of learning, the concept of active learning, and the different active learning formats, methods, and resources.	~ 2-6 hours (depending on needs) consisting of presentations, discussions, consultations.	Tatyana Novossiolova / Bulgaria	Bulgarian, English, Russian
50)	TRAINING	Creating educational materials and training courses	For example, supporting your organization in updating its training programs or introducing new materials – think about a 1-day internal training session, or a much bigger multi-day international effort.	A 1-2 hour seminar/webinar session, or as many individual conversations as required.	Zenobia Sabrina Homan / United Kingdom	English , Dutch