IAEA
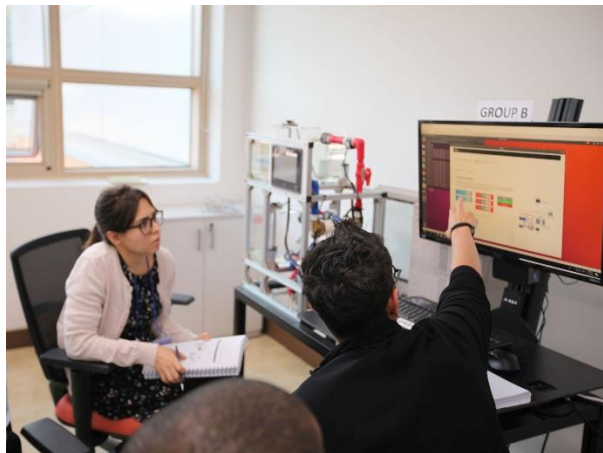International Atomic Energy Agency
Atoms for Peace and Development

Women in Nuclear Security Initiative
Webinar

Women in Information and Computer Security in the Nuclear World

Organized by the IAEA Division of Nuclear Security

Wednesday, 28 July 2021

Scheduled at: 13:00, Vienna, Austria Time

Duration 1.5 hours

Information Sheet

Background

The IAEA Division of Nuclear Security established the Women in Nuclear Security Initiative (WINSI) in March 2021, with the mission to support the achievement of gender equality in nuclear security both within the IAEA's Division of Nuclear Security and the global community of practice. The aim is to promote and strengthen the involvement of women in nuclear security and related fields worldwide as well as to enhance the attractiveness of nuclear security jobs and careers to women, especially for the next generation.

To support this initiative, WINSI organized and hosted its first webinar "The Role of the IAEA in Strengthening Capacity of Women in Nuclear Security Worldwide," in May 2021.

This webinar, "**Women in Information and Computer Security in the Nuclear World**" follows on from the inaugural webinar and puts a spotlight on an important and emerging area of nuclear security — namely information and computer security.

Information and Computer Security

Computer based systems play an essential role in all aspects of the safe and secure operation of facilities and activities — that use, store and transport nuclear material and other radioactive material. It also covers efforts to maintain physical protection, and have in place measures for detection of and response to material out of regulatory control. All such computer-based systems therefore need to be secured against criminal or intentional unauthorized acts.

As technology advances, the use of computer-based systems in all aspects in the peaceful uses of nuclear energy, is continually increasing. Therefore, there is a greater need to understand and address information and computer security risks which is a reality that affects everyone working with or benefiting from computer based digital technologies.

Information and computer security as an emerging field need to address both challenges and opportunities and wider awareness is vital for the safe and secure use of such technologies. Our presenters will discuss and reflect on their own experiences, how they've been impacted by information and computer security in their work, and the supported provided and contribution made by a growing and inclusive community of practitioners globally in addressing information and computer security for nuclear security.

Objectives

The objectives of the webinar are:

- To provide an overview of the IAEA's programme in information and computer security for nuclear security;
- To learn from experts involved in information and computer security about their roles and backgrounds in the area of nuclear security, as well as their experiences throughout their careers;
- To highlight challenges women in nuclear security face, particularly relating to information and computer security, and discuss ideas on how to overcome them;
- To discuss career opportunities in nuclear security for women in information and computer security.

Target Audience

The primary audience of the webinar are officials and nuclear security professionals in Member States, from competent authorities, such as regulatory bodies, customs and border control agencies, operators, technical support organizations, academics, and other organizations involved in the national nuclear security regime with a focus on or interest in information and computer security. The webinar is also targeting Women in Nuclear Global, Regional and National Chapters. Young professionals and students in nuclear field are most welcome.

Working Language

English

Registration

Please register for the webinar not later than **28 July 2021 at 11:00** by using the link: https://iaea.webex.com/iaea/onstage/g.php?MTID=e4eb27c9417f51b9c047e44dca6b39f15

After the registration and acceptance of your participation, you will receive an electronic mail containing information on how to access the webinar by following a hyperlink to join the WebEx meeting.

You can test your ability to connect to a WebEx meeting at the following link: https://www.webex.com/test-meeting.html#. Please contact your IT department if the test fails.

For additional help regarding registration, please contact Ms Anna Gredinger, Nuclear Security Information Officer, Division of Nuclear Security (Email: A.Gredinger@iaea.org).

For more information about WINSI and its activities, please email us at WINSI@iaea.org

Webinar Programme

Opening remarks

 Mr Scott Purvis, *Information Management Section Head, Division of Nuclear Security, IAEA*

 Mr Mitchell Hewes, *Information and Computer Security Officer, Information Management Section, Division of Nuclear Security, IAEA*

Expert Discussion

 Ms Deeksha Gupta, *PhD, Security Consultant, Accenture*

 Ms Na Young Lee, *Director General, Office of Nuclear Security, Korean Institute of Nuclear and Nonproliferation and Control (KINAC), Republic of Korea*

 Ms Marienna MacDonald, *Section Head, Information and Control Systems, National Innovation Centre for Cyber Security, Canadian Nuclear Laboratories (CNL), Canada*

 Ms Marianne Morton, *Chief Information and Digital Officer, Australian Nuclear Science and Technology Organization (ANSTO), Australia*

Q&A and Conclusion