

PROGRAMME of the online webinar

Nuclear Power in the Age of New Threats

December 7, 2022

3:00 PM – 5:30 PM CET

The Joint Project Symposium “Nuclear Power in the Age of New Threats” will examine the situation of the war in Ukraine and other military and terror threats on nuclear power plants. The attacks on Zaporishia NPP shocked the world, because the unthinkable - intentional shelling of an operating NPP - actually took place. Other threats such as the cyberattacks on the Iranian NPP Busheh showed that another taboo was broken when nuclear security and safety was used to build up negotiation pressure.

In our symposium we will discuss the current situation and the wider circumstances. The panel at the end will attempt to draw lessons and open issues to be answered by nuclear industry and states with nuclear programmes.

Programme:

15.00 – 15.15: Introduction and moderation: Patricia Lorenz

Responses on the nuclear crisis by international institutions (IAEA, EU)

15.15-15.45 Olga Kosharna, Independent nuclear power and safety expert, Ukraine, former PR-Director at Ukrainian Nuclear Forum Association: **Chronicles of nuclear terrorism of the RF in Ukraine**. Olga will inform about chronicles of events, the role of the IAEA in Ukraine in the war conditions, and how to force the RF to comply with international conventions and UN Charter) (with consecutive translation by Andrey Ozharovsky)

15.45-16.00 Nikolaus Müllner, Institute of Safety and Risk Sciences: **Research results from a project in cooperation with the Austrian Ministry of Defense on Ukrainian NPP in the war**. Nuclear Power Plants are not designed to withstand acts of war. The Institute of Safety and Risk Research together with the Austrian CBRN defence center examined how the NPP’s designs against external events such as earthquake and aircraft crashes offer protection in the current situation and whether the plant’s robustness could be strengthened against acts of war.

16.00-16.15 Andrey Ozharovsky, Russian nuclear physicist, expert of Radioactive Waste Safety Program: **How are the threats on Ukrainian NPPs reflected in Russia?** He will reflect on how the attacks were perceived in the Russian public and wider implications of those events, the safety level of the VVER-1000 units, possible consequences of a severe accident at a VVER-1000 unit?

16.15-16.30 Oda Becker, Independent German expert: **Security hazards of nuclear installations**. The presentations analyses sabotage or attack scenarios which already took place, such as the cyber-attack on Iran's Busheh NPP and possible or conceivable attacks on nuclear facilities.

16.30 - 16.45 Patricia Lorenz: Presentation of her updated study **Russian grip on EU nuclear industry**. Outlook on EU sanctions against Rosatom.

Break

17.00 – 17.30 Questions & Answers

The online symposium will be held in English.

This event will be recorded. By participating in this event, you give consent to the recording being published on the Joint Project – Nuclear Risk & Public Control organizations' websites or other social media outlets.

Registration: <https://us02web.zoom.us/meeting/register/tZMtfu2qqz8rG9AmvqJHOF7sDPviK6Lxqj99>

This event is organized by the Joint Project – Nuclear Risk & Public Control (<http://www.joint-project.org/>)



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