ID: **Pa02**   Type: **Panel**

Innovations Part II: Radionuclide Technologies

Innovation is playing an important role today and will even play a more critical role in the years to come. This also applies to the RN technology / equipment currently in use in the IMS network and OSI. The panel will discuss topics such as: the impact of cutting-edge technologies and novel materials in radionuclide detectors design and sensitivity, including AI and ML; understanding whether the RN monitoring system has reached the desired level of maturity; the use of remotely controlled platforms in the field of radionuclide detection; the use of radionuclide data fusion tools; and next steps in the development of radionuclide detection technologies.

E-mail

In-person or online preference

Presenters: RINGBOM, Anders (Swedish Defence Research Agency (FOI)); KRISANANGKURA, Piyawan (Office of Atoms for Peace); Ms TAYYEBI, Pouneh (Nuclear science and technology research institute, NSTRI); Ms BRANDER, Sofia (Federal Office for Radiation Protection (BFS)); POPOV, Vladimir (VXD)

Session Classification: Panel "Global Innovations: Radionuclide Technologies"