



STOCKHOLM INTERNATIONAL
PEACE RESEARCH INSTITUTE

You are cordially invited to a SIPRI lecture:

The Yongbyon Nuclear Complex and its role in the DPRK's nuclear programme

***Dr Yongsoo Hwang, Korea Institute of Nuclear
Nonproliferation and Control (KINAC), Republic of Korea***



Since the mid-1950s, the Democratic People's Republic of Korea (DPRK) has been building infrastructure to develop nuclear weapons. The fourth and most recent nuclear test carried out by the DPRK in January 2016 indicates that the DPRK has been qualitatively improving the technical characteristics of its nuclear weapons. In addition, the DPRK has been test-firing ballistic missiles that are designed to carry nuclear weapons. The continuing testing of nuclear weapons and ballistic missiles by the DPRK has significantly enhanced political tensions and threat perceptions in the East Asian region.

Dr Yongsoo Hwang will discuss the key installations and capabilities of the Yongbyon Nuclear Complex in the DPRK, including nuclear reactors, uranium enrichment and plutonium reprocessing facilities, as well as the construction of new facilities at the site. He will analyse the technical characteristics of the January 2016 nuclear test and its implications for future DPRK nuclear activities. Finally, he will examine potential approaches for dealing with nuclear proliferation by the DPRK and its implications for proliferation in the East Asian region.

Dr Yongsoo Hwang is the Director General for the Centre of Strategic Policy and Research in the Korea Institute of Nuclear Nonproliferation and Control (KINAC). Dr Hwang served as a member of the independent Expert Group on Multilateral Approaches to the Nuclear Fuel Cycle commissioned by the International Atomic Energy Agency's Director General between 2004 and 2005. He also served as a member of the Advisory Committee for the Korea Nuclear Safety and Security Commission (NSSA) in charge of Nuclear Security and Control. He has previously served as a Principal Researcher at the Korea Atomic Energy Research Institute. He received his MS and PhD degrees in Nuclear Chemical Engineering from UC Berkeley.

Date: Thursday, 1 September 2016, 14.00–16.00

Place: SIPRI, Signalistgatan 9, Solna

Please confirm your participation by sending an email with your name and full affiliation to Ms Cynthia Loo, SIPRI Senior Management Assistant (cloo@sipri.org).

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