

Olli Heinonen, Ph.D.

Senior Advisor on Science and Nonproliferation, Foundation for Defense of Democracies



Former Deputy Director General of the International Atomic Energy Agency (IAEA), and head of its Department of Safeguards, Dr. Heinonen is a Senior Advisor on Science and Nonproliferation at the Foundation for Defense of Democracies.

Dr. Heinonen is also a Senior Fellow at the Harvard Kennedy School of Government's Belfer Center for Science and International Affairs. His research and teachings include: nuclear non-proliferation and disarmament, verification of treaty compliance, enhancement of the verification work of international organizations, and transfer and control of peaceful uses

of nuclear energy.

Before joining the Belfer Center in September 2010, Dr. Heinonen served 27 years at the International Atomic Energy Agency in Vienna. Heinonen was the Deputy Director General of the IAEA, and head of its Department of Safeguards. Prior to that, he was Director at the Agency's various Operational Divisions, and as inspector including at the IAEA's overseas office in Tokyo, Japan.

Prior to joining IAEA, he was a Senior Research Officer at the Technical Research Centre of Finland Reactor Laboratory in charge of research and development related to nuclear waste solidification and disposal.

He is co-author of several patents on radioactive waste solidification. Called on to provide analysis of the most important global nonproliferation challenges, his writings and interviews have been published in various newspapers and magazines including: Foreign Policy, The Wall Street Journal, The Guardian, Bulletin of the Atomic Scientists, Arms Control Today, Der Spiegel, Le Monde, Helsingin Sanomat, The New York Times, Mehr News Agency, Stern, Haaretz, New Statesman, The Washington Post, BBC, and Time. His policy briefings have been published by the Foundation for Defense of Democracies, Belfer Center, Atlantic Council, Nautilus Institute, Institute for Science and International Security, Nonproliferation Policy Education Center, The Washington Institute for Near East Policy, and Carnegie Endowment.