

AGA 3: Political and Technical Challenges to Disarmament and Nuclear Diplomacy

Zeit: Donnerstag 14:00–16:00

Raum: S Aula

Hauptvortrag AGA 3.1 Do 14:00 S Aula
Technical Challenges to Nuclear Disarmament Verification - A UK perspective — ●DAVID CHAMBERS — Foreign and Commonwealth Office, London

This presentation will outline the key issues which bring particular technical challenges to the verification of nuclear disarmament. Since 1998 the UK has been looking to address the technical challenges of verification in nuclear weapons facilities. The presentation will use the UK's experiences to demonstrate potential ways to approach these challenges, including identifying where new and innovative technological solutions will be required. This will include lessons learned through the UK's bilateral projects with both the USA and Norway, and show the equal importance of roles for those that possess nuclear weapons and those that do not. Finally the most recent initiatives will be considered, the US led International Partnership on Disarmament Verification and the four nation Quad initiative. These multinational approaches present new opportunities and demonstrate how future initiatives can make effective and efficient use of resources to address the challenges remaining.

Hauptvortrag AGA 3.2 Do 15:00 S Aula
Why the JCPoA is a solid deal - interfaces between technology and diplomacy in the nuclear negotiations between the E3/EU+3 and Iran — ●DARIUS RAHIMI-LARIJANI and RAFAEL HEINISCH — Foreign Office, Berlin

The JCPoA agreed in Vienna on 14 July 2015 was a rare success of diplomacy in the Middle East built on the Nuclear Non-Proliferation Treaty. Endorsed by UN Security Council Resolution 2231 (2015), the JCPoA ensures that Iran's nuclear programme serves exclusively peaceful purposes. Tight restrictions on Iran's uranium enrichment programme and the modernisation of the Arak research reactor limit Iran's capability to produce weapons-grade material in any possible break-out scenario. Any attempt to do so would be immediately detected by the IAEA which exercises a hitherto unprecedented level of transparency measures. In focusing on the interfaces between technology and diplomacy, this presentation makes the case for the JCPoA as a deal which has made the region and beyond safer and more secure.