

AGA 1: Missiles

Time: Wednesday 14:30–16:00

Location: HS HISKP

Invited Talk AGA 1.1 Wed 14:30 HS HISKP
”New Wine into Old Wineskins - Russian Missiles in Ukraine and Their Links to History” — ●MARKUS SCHILLER — ST Analytics München

Missile strikes seem to play a significant role in the Russian invasion in Ukraine. Many different types of missiles have been used by the Russian side since February 2022, most prominent of them the Kinzhal and Zircon hypersonic missiles, as well as the Oreshnik Intermediate Range Ballistic Missile (IRBM). Announced as highly capable state-of-the-art systems, many aspects of those weapons are not new, though. This presentation will try to offer some insights on Russian missile developments on the past, and how those can be linked to the modern systems observed in the Russian war against Ukraine.

AGA 1.2 Wed 15:30 HS HISKP

New Intermediate-Range Missiles in Germany - Developments and Problems — ●JÜRGEN ALTMANN — Experimentelle Physik III, TU Dortmund

In 2024 the USA and Germany have announced that the US will deploy conventionally armed ballistic and cruise missiles in Germany from 2026, including hypersonic ones. With ranges from 500 to 3,000 km they will threaten tactical and strategic targets deep in Russia. Russia has many similar systems threatening targets in Western Europe with nuclear or conventional warheads. However, in a wider view a US/NATO ”deterrence gap” does not exist. New land-based missiles with short flight times can increase Russian fears about preparations for a surprise attack, decreasing crisis stability and creating motives for an accelerated arms race. The talk will discuss technical, military, stability and arms-control aspects