

AGA 5: New Military Technologies

Zeit: Freitag 9:00–9:30

Raum: S Aula

AGA 5.1 Fr 9:00 S Aula

The Proliferation of Drone Technology — ●CHRISTIAN ALWARDT, GÖTZ NEUNECK, and JOHANNA POLLE — IFSH Universität Hamburg

Both, in the area of civilian and military application, unmanned aerial systems, so-called drones, have experienced an increasing proliferation in the last decade. The underlying drone technology is characterized by a strong dual-use nature, integrating diverse fields of technology, material and application. Thereby, a sharp classification, characterization or export control of drone technology is barely possible and thus facilitating the further distribution of the relevant key technologies. Within the

last years the spread of military drones has intensively increased. Furthermore, a rising number of countries plan to acquire combat drones. However, the vast majority of today*s systems have serious limitations, revealing them unfavorable to operate in conventional and symmetric military hostilities. The additional military value of this system is subject to narrow confines. The talk analyses the status of today*s drone technology and by this means, concludes the current capabilities and scope of application of drone systems. The main focus is on the worldwide spread of military drone as well as on the tendencies in vertical and horizontal proliferation. The talk will close by shedding light on the question of arms control and in what extent its instruments could provide effective means for the non-proliferation of drone technology.