Pilot activity under the cyber ETEE platform:

Understanding the Civil-Military Dimension of Cyberattacks

Vienna, 17-18 November 2018

hosted by the Austrian Institute for European and Security Policy

(AIES) Location: AIES, Tivoligasse 73a, 1120 Vienna, Austria

(ESDC's activity number: 18-19/20C/01)

This Cyber Security Training Course analyses current and forthcoming cyber challenges and examines the preventive and consequential management measures currently being taken by the international community to minimise the impact of cyber challenges. It specifically focuses on the civil-military dimension of cyber warfare.

This training course is offered by the Austrian Institute for European and Security Policy (AIES) under the auspices of the European Security and Defence College (ESDC). This seminar is intended to strengthen the establishment of the cyber ETEE platform of the ESDC and widen the scope of its activities.

Tentative programme:

On **day 1** of the course, the focus will be on civilian aspects of cyber warfare. It will explore diplomacy as a necessary complement to technical and security measures in the pursuit of stability and norms of behaviour in cyberspace. It will look at the weaponization of knowledge, and how the algorithms underlying social media and search engines facilitate information war in cyberspace. Finally, it will examine different national approaches to information warfare in cyberspace and strategies for combating it, including education and targeted public diplomacy.

On **day 2** of the seminar the focus will be on military aspects of cyber warfare. Indeed, it is said that cyber, besides the traditional dimensions of land, air, sea, and space, has become the fifth dimension in modern warfare. However, what does this really mean? What is the impact of this dimension on war, conflict and security? And

where is the soldier situated in this context? What are drones and what is the impact of, for instance, artificial intelligence, big data on modern warfare?

To provide some answers to these complex questions, cyber warfare will be put in the context of 21st century warfare. This will be done in an interactive and entertaining way in which examples and anecdotes borrowed from real-world experiences will be shared and discussed.

Learning outcomes:

At the end of the seminar, participants will be able

- to put cyber warfare in the context of 'postmodern warfare' using internet/social media/digitalisation as tools;
- to get insight into concepts such as information warfare, non-kinetic warfare, hybrid warfare etc.;
- to understand how states (e.g. the United States of America, the Russian Federation, China) use the cyber dimension in their respective doctrines;
- to summarize the real and potential threat that cyber poses;
- to think critically about cyber war as an integrated aspect of postmodern society.

Who should attend:

This seminar is suitable for all those who are interested in modern society, a society in which conflict and war, turbulence and unpredictability are distinctive features. Officials of EU Member States and EU institutions/agencies working in the field of (military) history, (military) sociology, cultural and social anthropology, international relations and political science and anyone interested in the civil-military dimension of cyber warfare are more than welcome. Neither technical knowledge nor any other prior knowledge is necessary to participate in this seminar.

The CV of the moderators:

Shaun Riordan is Director of the Department of Diplomacy and Cyberspace at the European Institute of International Studies and Senior Visiting Fellow at the Clingendael Institute. He has taught in diplomatic academies in Spain, Armenia, Bulgaria and the Dominican Republic. Shaun served for 16 years in the British Diplomatic Service, with postings in New York,

Taipei, Beijing and Madrid, as well as the Departments of Counter-Terrorism and Yugoslavia in the Foreign Office. His new book, "Cyberdiplomacy: Managing Governance and Security Online" was published in February 2018.

Dr. Joris Van Bladel is an expert with teaching experience in both military and civilian academic institutions in countries such as Belgium, the Netherlands, Sweden, Ukraine, United States, Austria, etc. As a former military officer, he will be able to provide examples of modern- day warfare from personal experiences and using his expertise as regards the modern conventional and non-conventional battlefield.

Participants: minimum and maximum numbers: 15/25

Registration deadline: 26 October 2018. Please register your participants via the secured
ENLIST system. You can find your national point of contact on the website of the ESDC (http://eeas.europa.eu/esdc)

Language requirements: The CSDP language regime will apply, which is English and French without translation.

REGISTRATION:

If you are an **EU citizen**, please look for your country representative in the ENLIST POCs in the EU Member State. Check "Register to courses" on **LINK**.

IF YOU ARE NON-EU CITIZEN: please fill in the registration form **LINK**, in which you have to submit your CV, because there will be a selection process.

Further details about the course and the registration process, please contact Velina Tchakarova, AIES Head of Institute (velina.tchakarova@aies.at).

REGISTRATION DEADLINE: 26 OCTOBER 2018.

For those accepted: They will be informed about further steps and have to participate in online training prior to the training course in Vienna. The online bloc will consist of a few training units with a time span of a few hours.

NO REGISTRATION FEE. NO ACCOMODATION OR FLIGHT COSTS WILL BE COVERED. LUNCH AND DRINKS HAS TO BE COVERED BY THE PARTICIPANTS THEMSELVES.

Background: *AIES is a leading Austrian think tank with a special focus on the European foreign and security policy. The venue is in the heart of International Vienna, on Tivoligasse 73a, 1120. Vienna is the European centre of many prominent international organisations (UN, OSCE, OPEC etc.) and home to various non-governmental organisations and diplomatic missions, representations and delegations. Vienna is also a leading hub for international expertise, including on cyber security.*