

Capacity Building Workshop
Cyberespionage and Economic Security

Monday, 13 October 2014
Hotel Aquino, Berlin

Economic espionage is hardly a new phenomenon. Yet with greater digitalization and dependence on the internet for production and communication, it has become a much greater threat to the European economy. The methods are more diverse and perfidious and the damage is enormous. Innovative SMEs are especially exposed to this threat. Many knowledge gaps remain with regard to the means and governance of industry self-protection as well as state-coordinated and state-run counter-measures.

Through the promotion of interdisciplinary and applied civil security research in the framework of the Horizon 2020 programme, the European Commission may contribute significantly to a more effective protection of the European economy. This Capacity Building Workshop aims to make a contribution to this. As part of the fit4sec initiative, it brings renowned experts from business, academia, authorities and organisations with security responsibilities together to jointly identify the most pressing knowledge gaps in this field. Each session seeks to formulate practical research questions and tentative policy solutions for an improved and more efficient protection against cyberespionage. The final session synthesizes the results of the structured debates and will sketch the basic contours of a possible research consortium that would meet the various criteria for EU funding.

Programme

- 08.30 Arrival of the participants
- 09.00 Welcome**
Dr. Tim Stuchtey, BIGS Potsdam
- 09.15 Capacity Building for European Civil Security Research**
Presentation of the fit4sec initiative
Dr. Thorsten Wetzling, BIGS Potsdam
- 09.30 Impulse: “Typologies and Methods of Cyber Attacks”**
Dr. Harald Niggemann, German Federal Office for Information Security (BSI)
- 10.00 Impulse: “The difference between traditional cybercrime and cyber espionage”**
Prof. Dr. Gianluca Stringhini, Departments of Computer Science and Security and Crime Science, University College London
- 10.15 Coffee break**

10.30 Session 1: Counter-espionage - A resilient economy through industry self-protection?

Impulse statements

- *Michael Barth*, Head of Berlin Office, genua mbH
- *Gergana Vladova*, Researcher, Universität Potsdam
- *Timo Kob*, Board Member, Arbeitskreis Sicherheit in der Wirtschaft (ASW)/ HiSolutions AG

Discussion: How to render SMEs more cyber-resilient?

Moderation: *Dr. Svenja Post*, BIGS Potsdam

12.15 Synthesis: Problems, knowledge gaps and the need for further research

Dr. Thorsten Wetzling, BIGS Potsdam

12.30 Lunch break

13.30 Session 2: Counter-Cyberespionage: The role of the state

Impulse statements

- *Prof. Sébastien Laurent*, CMRP, Université de Bordeaux
- *Guido Gluschke*, Managing Director, Viccon mbH
- *Dr. Björn Fägersten*, Senior Researcher, UI Stockholm

Discussion: What is, what must be done by the state and security organisations to protect European industry?

Moderation: *Dr. Thorsten Wetzling*, BIGS Potsdam

14.45 Synthesis: Problems, knowledge gaps and the need for further research

Dr. Thorsten Wetzling, BIGS Potsdam

15.00 Coffee break

15.15 Impulse Statement: “Digital Security for Secure Societies: Cybersecurity, Privacy, Trust within the framework of Horizon 2020”

Martin Mühleck, European Commission, DG Connect, Trust and Security Unit

15.30 Session 3: Strategy-Discussion: “Towards an EU research project on cyberespionage and economic security”

Moderation: *Dr. Tim Stuchtey*, BIGS Potsdam

In this session, the previously identified research needs form the basis of a strategic discussion geared towards designing the preliminary contours of a convincing, practicable and fundable research project.

17.00 End of programme



The Brandenburg Institute for Society and Security (BIGS) is an independent, non-partisan non-profit institute in Potsdam with the mission of building bridges between theory and practice to improve research in civil security through a multi- and interdisciplinary approach.



The centre of excellence for security and technology (fit4sec) is supported by the Federal German Ministry of Education and Research. It pursues the aim of pooling expertise in the German security sector so as to successfully form German-European research alliances together with academic partners and end users. The core team of fit4sec comprises the IABG in Ottobrunn and Berlin, Brandenburg Institute for Society and Security in Potsdam, Fraunhofer FOKUS in Berlin and the University of the Federal Armed Forces in Munich.