

# **Cyber Warfare Strategic Challenges and Ethical Perspectives**

## **International Workshop**

29.–30. November 2019

Institut für Theologie und Frieden  
Herrengraben 4  
20459 Hamburg  
ithf.de

*Sponsored by*

***Herzog Erik von Arenberg Stiftung***

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**Friday 29th November**

**13:00** Registration and coffee

**13:30** *Philipp von Wussow*: Greetings and introduction

**14:00** **Panel 1: Cyber Arms Control and/or Norm Building: How to Contain Cyber Warfare?**  
(Chair: *Philipp von Wussow*)

*Thomas Reinhold*: Count Cyberweapons and Save the Internet: Towards Arms Control and Disarmament for Cyberspace

*Niklas Schörnig*: Norms to Regulate Cyberspace: Silver Bullet or Wrong Track?

**15:30** *Coffee Break*

**16:00** **Panel 2: Strategic Calculus of Attack and Response**  
(Chair: *Madeleine Myatt*)

*Matthias Schulze*: What good is Cyber? A Reflection on the Strategic, Tactical and Operational Utility of Cyber-Operations

*Sven Herpig*: Strategic Framework for the Cross-Sectoral Reply to Cyber Attacks (Sanctions, Counter-Attacks)

**17:30** *Coffee Break*

**18:00** **Keynote Lecture**

*George R. Lucas*: Cyberwar from a 3rd-Floor Flat in Hamburg: Assessing Genuine Security Threats, Threat Inflation, and a Moral Framework for Response

**20:00** Dinner for workshop participants (Restaurant Via Toselli, Ditmar-Koel-Straße 28)

***Saturday 30th November***

**09:30**     **Panel 3: Cyber weapons and Autonomous Weapons Systems: What's the Connection?**  
(Chair: *Heinz-Gerhard Justenhoven*)

*Johanna Polle: Drone Attacks, Cyber Warfare and all that Emerging Tech Jazz: Sketching out Parallels, Overlaps and Differences*

*Bernhard Koch: Ethical Arguments in the Debate about LAWS and their Interconnection to Cyber Warfare*

**11:00**     Coffee Break

**11:30**     **Panel 4: Who's in charge?**  
(Chair: *Philipp von Wussow*)

*Madeleine Myatt: Cybersecurity, Public Private Partnerships and the Competition for Power and Authority in World Politics*

*Lior Tabansky: A Duty to Protect? Western Cybersecurity without Defence Forces*

**13:00**     Concluding Discussion

## **Participants:**

Sven Herpig, Stiftung neue Verantwortung, Berlin

Heinz-Gerhard Justenhoven, Institut für Theologie und Frieden

Bernhard Koch, Institut für Theologie und Frieden

George R. Lucas, Graduate School of Public Policy, Naval Postgraduate School, Monterey

Madeleine Myatt, Bielefeld University

Johanna Polle, Institut für Friedensforschung und Sicherheitspolitik, Hamburg

Thomas Reinhold, Institut für Friedensforschung und Sicherheitspolitik, Hamburg

Niklas Schörnig, Hessische Stiftung Friedens- und Konfliktforschung, Frankfurt am Main

Matthias Schulze, Stiftung Wissenschaft und Politik, Berlin

Lior Tabansky, Tel Aviv University

Philipp von Wussow, Institut für Theologie und Frieden/Goethe University Frankfurt am Main

## **General Information**

### **Public transportation:**

From Hamburg Hauptbahnhof (Central Station) take the S-Bahn trains S1, S2 or S3 to station Stadthausbrücke (ca. 5 mins).

From Hamburg Airport take the S-Bahn train S1 to Stadthausbrücke.

At Stadthausbrücke take the exit "Herrengaben/Michaelisstraße". The IThF is located in the building „Katholische Akademie“.

### **Contact:**

If you have any problems during your arrival or during your stay in Hamburg, please do not hesitate to contact us.

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For registration please contact: **[vonwussow@ithf.de](mailto:vonwussow@ithf.de)**