



**Asociace  
pro mezinárodní  
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Association  
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# CONFRONTING CYBERTERRORISM: TACKLING POLITICAL ASPECTS OF CYBERSECURITY

## International Conference and Expert Workshop

Organized by the Association for International Affairs  
in cooperation with the U.S. Office of Naval Research Global,  
the Estonian Embassy in Prague,  
and the North Atlantic Treaty Organization Public Diplomacy Division

**Date:** December 6-7, 2011

**Venue:** The European Commission Representation in the Czech Republic,  
Jungmannova 24, Prague 1

## INTRODUCTION

Cybersecurity has recently become a much debated issue. After the attacks on Estonia and Georgia, the topic gained broad attention and, subsequently, was raised to the very top of security agendas of the Euro-Atlantic security organizations (including the 2008 Report on the Implementation of the European Security Strategy and the 2010 NATO Strategic Concept) and their member states (as documented by recent releases of cybersecurity strategies in the U.S., Britain or Germany).

The issue of cybersecurity turns out difficult to be comprehensively managed, as it covers many different, seemingly disparate areas – information technologies, domestic and international law, intelligence, military and defence issues, politics and international relations. On the other hand, this is hardly a completely new situation: During the past decades, states have been confronted with various security threats which defied neat compartmentalization and required a complex, multi-institutional and cross-border approach (with terrorism serving as an instructive example).

The issue of cybersecurity can be into three broad areas: The first comprises attacks against critical parts of defense infrastructure and can be described with the traditional vocabulary of intelligence and warfare. The second area represents an 'outreach' of organized crime, and comprises profit-oriented illicit activities in the cyberspace. Last but not least, cyber-activities include politically motivated attacks



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where the IT and other infrastructure only serves as the ‘first target’, a tool to influence the ‘second target’ which is the population and its political representation – cyberterrorism, to use a concise term for a complex fact.

The planned international conference and expert workshop intends to focus on the latter aspect of cybersecurity, for two main reasons. Firstly, **in the context of Central and Eastern Europe, politically motivated cyber-attacks seem to represent the most pressing issue**, as the cases of Estonia and Georgia aptly demonstrate. Secondly, unlike cyber-crime which tends to be dominated by legal issues (apart from the apparent technological component), **cyberterrorism has the potential of connecting experts from many different fields, including IT specialists, lawyers, politicians, security and defense experts**. A workshop focusing on this issue displays an especially rich potential for cross-fertilization and creating new functional links.

The conference will thus primarily focus on the **complexity and problems of the decision-making process in reaction to politically motivated cyberattacks**, taking into account its multiple dimensions, from the technical through legal to political aspects and international cooperation.

## OBJECTIVES

- **improve expert understanding** of specific aspects of cybersecurity among relevant experts in the regional context
- **promote exchange of ideas and creating personal links across different institutions and disciplines** and overcome the divide between technical and social aspects of cybersecurity
- **educate broader public** about the issue



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## PROGRAMME

### December 6, 2011 – International Conference

14:00-14:30 *Registration*  
14:30-15:00 *Welcoming Remarks*

**H. E. Norman Eisen**, Ambassador of the United States of America to the Czech Republic  
**H. E. Lembit Uibo**, Ambassador of Estonia to the Czech Republic

15:00-17:00 **Political Aspects of Cybersecurity: Recent Developments and Future Challenges**

*Keynote Speech*  
**Ilmar Tamm**, Director, Cooperative Cyber Defence Centre of Excellence, Estonia

*Discussants:*  
**Eduardo Gelbstein**, former Director of the International Computing Centre of the United Nations, Switzerland  
**Paul de Souza**, Director, Cyber Security Forum Initiative – Cyber Warfare Division, USA  
**Eneken Tikk**, Head of the Legal and Policy Branch, NATO Cooperative Cyber Defence Centre of Excellence, Estonia  
**Rodica Tirtea**, Expert, European Network and Information Security Agency, Greece

18:00-20:00 *Reception (special invitation only)*  
Venue: Embassy of Estonia, Na Kampě 498/1, Prague 1

### December 7, 2011 – Expert Workshop (*special invitation only*)

10:00-11:30 **Responding to a Politically Motivated Cyberattack: Navigating through the Decision-making Maze – part I**  
Chair: **Lauri Almann**, President, European Cyber Security Initiative, Estonia

11:30-12:00 *Coffee Break*  
12:00-13:30 **Responding to a Politically Motivated Cyberattack – part II**  
Chair: **Lauri Almann**

13:30-14:30 *Lunch*  
15:00-16:30 **Lessons Learned: Complexities and Challenges of Responding to Cyberterrorism – Final Roundtable**

Chair: **Tomáš Karásek**, Director of the Research Center, Association for International Affairs, Czech Republic



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## **SPEAKERS & DISCUSSANTS**

**Lauri Almann**, President, European Cyber Security Initiative, Estonia

**Eduardo Gelbstein**, Adjunct Professor, Webster University, Geneva, former Director of the International Computing Centre of the United Nations

**Ralph Lueftner**, Expert, Siemens AG, Germany

**Paul de Souza**, Director, Cyber Security Forum Initiative – Cyber Warfare Division, USA

**Ilmar Tamm**, Director, Cooperative Cyber Defence Centre of Excellence, Estonia

**Rodica Tirtea**, Expert, European Network and Information Security Agency, Greece

**Eneken Tikk**, Head of the Legal and Policy Branch, NATO Cooperative Cyber Defence Centre of Excellence, Estonia

**Michael W. Weir**, Senior Systems Analyst, Quanterion Solutions, Inc., USA

Representative of the NATO Emerging Security Challenges Division (ESCD)

Representative of the National Computer Security Incident Response Team of the Czech Republic



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## **ORGANIZER**

**Association for International Affairs (AMO)** is a non-governmental organization founded to promote research and education in the field of international relations. Thanks to its activities and more than ten-year tradition, Association has established itself as the preeminent independent foreign policy think-tank in the Czech Republic. The Association facilitates expression and realization of ideas, thoughts and projects in order to increase education, mutual understanding and tolerance among the people.

## **CONTACT**

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