



**University of
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Law Institute

Synergy and
Security
the keys to sustainable
global investment

Cyber Security in International Law

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2019 COLLOQUIUM ON INTERNATIONAL LAW

Overview

- Cyber Security: Notion and Phenomenology
- International Legal Framework for Cyber Security
- European Cyber Security Approaches
- Other Supra-State Cyber Security Approaches
- Self-Regulation and International Legal Standards

Cyber Security: Notion and Phenomenology

- Elements of Definition
- Cyber Threat Landscape
 - Threat Agents
 - Threat Tools
 - Threat Types

International Legal Framework for Cyber Security

Global efforts

- UN: Group of Governmental Experts (GGE)
- ITU, WTO: Multilateral Treaties

European efforts

- Council of Europe, Budapest Convention
- European Union: NIS Directive, Cybersecurity Act

Other supra-State efforts

- NATO: Tallinn Manual
- East Asia: Shanghai Cooperation Organisation

Global Legal Efforts

- Political Agendas
- United States: Group of Governmental Experts
- International Telecommunications Union
- World Trade Organisation

European Legal Efforts

- Council of Europe: Cybercrime Convention
- EU
 - ENISA
 - NIS Directive 2016
 - Cyber Security Act 2019

Other Supra-State Legal Efforts

- NATO: Tallinn Manual
- East Asia
 - Shanghai Cooperation Organisation
 - Sino-Russian Cyber Security Cooperation

Self-Regulation

- ISOC/IETF: Critical Internet Infrastructure Rules
- Council of Europe Recommendation
- EU-Programs
- ISO/IEC 27001

International Legal Standards

- Concept of Global Public Goods
- Concept of Shared Spaces
- Concept of Accountability
- Concept of Responsibility

Outlook

- Regulatory Approach through Hybrid Framework
- Multistakeholder Approach
- New Legal Concepts