



**Cyber & Data Security Lab (VUB) & Department of Digital Systems (UNIPi)
Summer Training Academy
Cybersecurity: Law & Practice**

26 - 30 June 2023

On-site (Brussels School of Governance - BSoG, Pleinlaan 5, Brussels 1050)

PROGRAMME

DAY 1 – Monday 26 June 2023

Time	Session	Faculty Member	Description
08:30 – 08:45	Welcome - registration		
08:45 – 09:00	<i>Welcoming – introductory speech</i>	Franck Dumortier (VUB) Christos Xenakis (UNIFI)	
09:00 – 10:15	Session 1: Cybercrime: substantive and procedural law	VUB	Budapest Convention & European Instruments: Definitions of « cybercrime » offenses and rules related to procedure (Police and judicial powers and collaboration duties: eg. obligations of intermediaries under DSA)
10:15 – 10:30	<i>Coffee break</i>		
10:30 – 11:45	Session 2: Cybercrime: substantive and procedural law	VUB	Budapest Convention & European Instruments: Definitions of « cybercrime » offenses and rules related to procedure (Police and judicial powers and collaboration duties: eg. obligations of intermediaries under DSA)
11:45 – 12:00	<i>Coffee break</i>		
12:00 – 13:15	Session 3: Cybercrime: substantive and procedural law	VUB	Budapest Convention & European Instruments: Definitions of « cybercrime » offenses and rules related to procedure (Police and judicial powers and collaboration duties: eg. obligations of intermediaries under DSA)
13:15 – 14:15	<i>Lunch break</i>		
14:15 – 15:30	Session 4: Introduction to Network Security	UNIFI	Software setup
15:30 – 15:45	<i>Coffee break</i>		

15:45 – 17:00	Session 5: Introduction to Network Security	UNIPI	Fundamental OSI Layer 3 definitions and widely used protocols, network threats (malicious actors, malware types, and attacks) and their corresponding mitigation techniques
---------------	--	-------	---

DAY 2 – Tuesday 27 June 2023

Time	Session	Faculty Member	Description
09:00 – 10:15	Session 6: Packet Sniffing & Spoofing	UNIPI	Reconnaissance tools and attack techniques used to identify interesting hosts and services running on a network
10:15 – 10:30	<i>Coffee break</i>		
10:30 – 11:45	Session 7: Packet Sniffing & Spoofing	UNIPI	Reconnaissance tools and attack techniques used to identify interesting hosts and services running on a network
11:45 – 12:00	<i>Coffee break</i>		
12:00 – 13:15	Session 8: Packet Sniffing & Spoofing	UNIPI	Reconnaissance tools and attack techniques used to identify interesting hosts and services running on a network
13:15 – 14:15	<i>Lunch break</i>		
14:15 – 15:30	Session 9: Security of personal data	VUB	GDPR & Related Instruments: Definitions, principles, rules related to security, breaches, DPIAs, etc.
15:30 – 15:45	<i>Coffee break</i>		
15:45 – 17:00	Session 10: Security of personal data	VUB	GDPR & Related Instruments: Definitions, principles, rules related to security, breaches, DPIAs, etc.

DAY 3 – Wednesday 28 June 2022

Time	Session	Faculty Member	Description
09:00 – 10:15	Session 11: Security of essential services and critical infrastructures	VUB	NIS 2 obligations and Related issues (eg. security of electronic communications)
10:15 – 10:30	<i>Coffee break</i>		
10:30 – 11:45	Session 12: Security of essential services and critical infrastructures	VUB	TBC
11:45 – 12:00	<i>Coffee break</i>		
12:00 – 13:15	Session 13: TBC	VUB	TBC
13:15 – 14:15	<i>Lunch break</i>		
14:15 – 15:30	Session 14: TCP & TCP Attacks	UNIPI	OSI Layer 4 protocol TCP, attacks performed on it and an introduction to the TLS protocol and digital certificates
15:30 – 15:45	<i>Coffee break</i>		
15:45 – 17:00	Session 15: TCP & TCP Attacks	UNIPI	OSI Layer 4 protocol TCP, attacks performed on it and an introduction to the TLS protocol and digital certificates

DAY 4 – Thursday 29 June 2023

Time	Session	Faculty Member	Description
09:00 – 10:15	Session 16: DNS & DNS Attacks	UNIPI	Domain Name System protocol and the attacks that can be performed on it
10:15 – 10:30	<i>Coffee break</i>		
10:30 – 11:45	Session 17: DNS & DNS Attacks	UNIPI	Domain Name System protocol and the attacks that can be performed on it
11:45 – 12:00	<i>Coffee break</i>		
12:00 – 13:15	Session 18: DNS & DNS Attacks	UNIPI	Domain Name System protocol and the attacks that can be performed on it
13:15 – 14:15	<i>Lunch break</i>		
14:15 – 15:30	Session 19: Security and certification of products and services	VUB	Cybersecurity Act & Cyber Resilience Act (and comparison of certification schemes under these instruments and GDPR)
15:30 – 15:45	<i>Coffee break</i>		
15:45 – 17:00	Session 20: Security and certification of products and services	VUB	Cybersecurity Act & Cyber Resilience Act (and comparison of certification schemes under these instruments and GDPR)

DAY 5 – Friday 30 June 2023

Time	Session	Faculty Member	Description
09:00 – 10:15	Session 21: The impact of AI on cybersecurity law	VUB	AI Act and impact on the fields of Days 1 to 4
10:15 – 10:30	<i>Coffee break</i>		
10:30 – 11:45	Session 22: Firewall Technologies	UNIFI	Firewall Technologies for protecting network access ranging from packet inspection to zone-based policy firewall
11:45 – 12:00	<i>Coffee break</i>		
12:00 – 13:15	Session 23: The impact of AI on cybersecurity law	VUB	TBC
13:15 – 14:15	<i>Lunch break</i>		
14:15 – 15:30	Session 24: Firewall Technologies	UNIFI	Firewall Technologies for protecting network access ranging from packet inspection to zone-based policy firewall
15:30 – 16:30	<i>Wrap-up</i>	Franck Dumortier (VUB) Christos Xenakis (UNIFI)	