Blockchain and criminal law

George Zlati

Course Title: Blockchain and criminal law
Proposed date/dates and proposed timetable: 20th of May, 12:00 – 16:00

Language of instruction: English
Name of lecturer: George Zlati

Form of instruction	Number of teaching days	Number of teaching hours per day	Form of evaluation (if any)	Certification
Lecture	1	4	-	Yes

COURSE AIMS: The aim of this course is to conduct an in-depth analysis of blockchain and criminal law.

COURSE CONTENTS (for each workshop):

A. Terminology and technical clarifications
1. Explaining blockchain technology
2. The difference between virtual currencies, cryptoassets and e-money
3. Digital wallets
4. Private cryptographic keys and public addresses in the blockchain.
5. Virtual currency transactions
6. CEX vs. DEX

B. Criminal deeds
1. Ransomware
2. Cryptojacking
3. Obtaining virtual currencies by fraud
4. Double spending
5. Using counterfeit virtual currencies
6. Stealing a mnemonic phrase
7. Stealing a digital wallet
8. Cloning a digital wallet
9. Unauthorized transactions
10. Burning virtual currencies

C. Attribution
1. Identifying the perpetrator
2. On-chain analysis
3. The issue of mixers and tumblers
4. Freezing the proceeds of crime

TEACHING METHODS: Lecture; Powerpoint; Q&A;
LEARNING OUTCOMES: The participants will obtain the necessary knowledge to understand the relationship between blockchain tehnology and criminal law.

LEARNING OUTCOMES VERIFICATION AND ASSESSMENT CRITERIA (if any):
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RECOMMENDED READING (English language only):
- ➢ Cybercrime Convention
- ➢ Directive (EU) 2019/713
- ➢ Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on Markets in Crypto-assets, and amending Directive (EU) 2019/1937