

(POST)COVID CHALLENGES IN CRIMINAL JUSTICE: INVESTIGATING WEB 2.0

- CRIMINALS' NEW *MODI OPERANDI*
- LEGAL IMPLICATIONS OF E-EVIDENCE
- CRYPTOCURRENCIES AND BITCOINS
- INVESTIGATIONS IN THE DARKWEB

Bucharest, 19-20 September 2022

Speakers and chairs

Ioana Albani, Chief Prosecutor, Directorate for Investigating Organised Crime and Terrorism (DIICOT), Bucharest

Philip Anderson, Senior Lecturer, Department Computer and Information Sciences, Northumbria University, Newcastle

Laviero Buono, Head of Section for European Criminal Law, ERA, Trier

Alberto Ferrareso, Senior Agent Outreach & Policy, SIRIUS Team, Europol, The Hague

Rainer Franosch, Prosecutor, Deputy Director-General for Criminal Law and Criminal Procedure, Head of Cybercrime Division, Ministry of Justice, German Federal State of Hesse, Wiesbaden

Seanpaul Gilroy, Digital Forensics Unit, Northumbria Police, Newcastle

Christos Karagiannis, Prosecutor, Court of First Instance, Larissa

Aisling Kelly, Senior Counsel, Law Enforcement & National Security, Corporate, External & Legal Affairs, Microsoft, Dublin

Eneli Laurits, District Prosecutor, Department for Juvenile Crimes, Estonian Prosecutor's Office, Tallinn

Alexander Malyshau, International Cryptocurrency Consultant, Vienna

Key topics

- Understanding the internet and associated technology
- Dark web investigations
- Open source tools (OST)
- Handling e-evidence in court
- (Mis)use of cryptocurrencies in criminal justice

Language
English

Event number
322DT58f

Organisers
ERA (Laviero Buono) in cooperation with the National Institute of Magistracy, Romania



(POST)COVID CHALLENGES IN CRIMINAL JUSTICE

Monday, 19 September 2022

08:30 Arrival and registration of participants

09:00 **Welcome and introduction to the programme**
NIM Director & Laviero Buono

PART I: TECHNICAL ISSUES AND BASIC UNDERSTANDING OF THE INTERNET ARCHITECTURE AND CONCEPTS

This Part aims to introduce participants to the concepts around the Internet and its supporting tools for investigation/research. It will make participants aware of the sources of evidence available to them in online investigations. The objective is to improve their ability to work with the current Internet technologies

Chair: Laviero Buono

09:15 **Using open source intelligence to gather evidence online**

- Understanding the Internet and associated technology
- Effective use of the Internet as an investigative fraud investigation tool
- Search engines, meta browsers, deep web & people search techniques
- Open Source Intelligence (OSINT) links

Philip Anderson

10:15 Discussion

10:30 Break

11:00 **Open source tools, computer forensics in the “Cloud”**

- Geo-location tools for social media and photos
- Tracing domain name owners, origin of an email and blacklist checks
- Investigating Web 2.0 – social networking, blogs and online gaming
- Protecting your privacy when investigating online

Seanpaul Gilroy

12:00 Discussion

12:15 Lunch

PART II: CRIMINALS NEW MODI OPERANDI AND (MIS)USE OF CRYPTOCURRENCIES

The COVID-19 pandemic has altered criminals’ modi operandi, leading to a significant increase in offences involving cybercrime and online criminal activities. This session will show how Internet-related crimes have had more opportunities to hit, and isolation has made people more vulnerable. Participants will gain an insight into these new forms of crimes. The experts will present real life examples, case studies and tool demonstrations in order to illustrate the key concepts covered.

Chair: Laviero Buono

13:45 **Addressing new Covid (post) pandemic challenges - Criminals’ new modi operandi: cybercrime, ransomware, child sexual abuse and non-cash payment fraud**

Rainer Franosch

14:15 Discussion

14:30 **Internet-related crimes, digital evidence and cloud forensics: contemporary legal challenges and the power of disposal**

- Cloud storage and cloud forensics
- Power of disposal
- Case studies

Christos Karagiannis

Objective

Covid-19 resulted in altering the *modi operandi* of criminals. Offences related to cybercrime and online criminal activities increased significantly. Trade of illicit goods and services has moved even more to the Darknet; the number of phishing attempts, cases of online fraud, investment fraud, cyberattacks in the health sector and trade in counterfeit medical products has increased. As children spend more time online, the number of child sexual exploitation cases has also risen sharply in Europe. Isolation has made people more vulnerable to internet-related crimes. This series of events addresses various challenges that judges, prosecutors and lawyers in private practice working in the field of EU criminal justice will have to face for the years ahead. Some of these challenges will remain in the “new normal” well beyond the end of the pandemic. This seminar will focus on online investigations.

About the Project

This seminar is part of a large-scale project sponsored by the European Commission entitled “Preparing criminal justice professionals to address new (post-) pandemic challenges as a result of criminals’ new *modi operandi*”. It consists of seven seminars to take place in Bucharest, Dublin, Lisbon, Cracow, Barcelona, Thessaloniki and Tallinn over the period 2022-2024.

Who should attend?

Judges, prosecutors and lawyers in private practice from eligible EU Member States.

Venue

National Institute of Magistracy
Regina Elisabeta Boulevard, nr.53,
Bucharest, Sector 5

CPD

ERA’s programmes meet the standard requirements for recognition as Continuing Professional Development (CPD). Participation in the full programme of this event corresponds to **9 CPD hours**. A certificate of participation for CPD purposes with indication of the number of training hours completed will be issued on request. CPD certificates must be requested at the latest 14 days after the event.

- 15:00 Break
- 16:00 **Criminal money flows on the internet and the (mis)use of bitcoins: which investigation techniques?**
- Bitcoins and blockchain
 - Mining: purpose and functions
 - Wallets and addresses
 - Investigation techniques
 - Search, seizure and MLA requests in the virtual world
- Alexander Malyshau*
- 16:30 Discussion
- 16:45 End of first day and dinner offered by the organisers (20:00)

Your contact persons



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Tuesday, 20 September 2022

PART III: E-EVIDENCE AND CRYPTOCURRENCIES

This Part will illustrate the sorts of legal disputes that can arise involving digital forensics investigations and electronic evidence, i.e. the legal, practical and technical problems that judges, prosecutors and lawyers in private practice are confronted with in criminal proceedings where e-evidence is collected, analysed and ultimately presented in court.

Chair: Rainer Franosch

- 09:30 **Cross-border access to data and admissibility of evidence**
- Obtaining e-evidence
 - Voluntary access to evidence
 - Legal process
 - Direct access
- Eneli Laurits*
- 10:00 Discussion
- 10:15 **Cooperation with the EU public authorities and designating a legal representative in the European Union: views from the internet industry**
- Aisling Kelly*
- 10:45 Discussion
- 11:00 Break
- Chair: Eneli Laurits*
- 11:30 **E-evidence across borders: the perspective of EU competent authorities**
- Alberto Ferraresso*
- 12:00 Discussion
- 12:15 **Dark web investigations and electronic evidence: the key features of the Second Additional Protocol to the CoE Convention on Cybercrime on enhanced co-operation and disclosure of electronic evidence**
- Ioana Albani*
- 12:45 Discussion
- 13:00 End of seminar and lunch

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Application

(POST)COVID CHALLENGES IN CRIMINAL JUSTICE

Bucharest, 19-20 September 2022 / Event number: 322DT58f/SBa

Terms and conditions of participation

Selection

1. Participation is only open to judges, prosecutors and lawyers in private practice from eligible EU Member States.

The number of places available is limited (30 places). Participation will be subject to a selection procedure. Selection will be first come first served and according to nationality. Spanish applicants who work for the prosecution service must apply for this event through CEJ.

2. Applications should be submitted before **4 September 2022**.
3. A response will be sent to every applicant after this deadline. **We advise you not to book any travel or hotel before you receive our confirmation.**

Registration Fee

4. €130 including documentation, lunches and dinner.

Travel expenses

5. Travel costs up to €300 can be reimbursed by ERA upon receipt of the original receipts, tickets, boarding passes, invoices after the seminar. Participants are asked to book their own travel and accommodation. These rules do not apply to representatives of EU Institutions and Agencies who are supposed to cover their own travel and accommodation. Participants are advised of the obligation to use the most cost-efficient mode of transport available.

Accommodation

6. Maximum 2 single occupancy hotel nights (up to 130 EUR/night) can be reimbursed by ERA, only upon receipt of the original hotel invoice.

Other services

7. Two lunches, beverages consumed during the event and the seminar documents are offered by ERA. One joint conference dinner is also included.

Participation

8. Participation at the whole conference is required and your presence will be recorded.
9. A list of participants including each participant's address will be made available to all participants unless the ERA receives written objection from the participant no later than one week prior to the beginning of the event.
10. The participant's address and other relevant information will be stored in ERA's database in order to provide information about future ERA events, publications and/or other developments in the participant's area of interest unless the participant indicates that he or she does not wish ERA to do so.
11. A certificate of attendance will be distributed at the end of the conference.

Apply online for
“(Post)Covid Challenges in
Criminal Justice” online:

www.era.int/?128379&en

Venue

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