



#Digitalisation and #AI in Criminal Justice

Internet basics, e-evidence,
videoconferencing and AI

Lisbon, 26-27 September 2024



EXCELLENCE IN
EUROPEAN LAW⁷

Speakers and chairs

Steven David Brown, International Cybercrime Consultant,
Vienna

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

Andrea Cruciani, Judge, Court Martial, Naples

Óscar Palomo Díaz, Coordinator, Direction General for Digital
Transformation, Ministry of Justice, Madrid

Serena Quattrocolo, Professor of Italian and European Criminal
Procedure, University of Turin, Turin

David Silva Ramalho, Defence Lawyer, Morais Leitão, Galvão
Teles, Soares da Silva & Associados; Lecturer, Faculty of Law,
University of Lisbon

Mirjam Steinfeld, Criminal Compliance, Cybercrime and
Security, Rosinus, Partner Rechtsanwälte, Frankfurt

Nina Tipura, Digital Forensic Consultant, INsig2, Zagreb

Fernando Vaz Ventura, Judge, Supreme Court; Director, CEJ,
Lisbon

George Zlati, Criminal Defence Lawyer Specialized in Cybercrime
and Blockchain Technology, Cluj-Napoca

Key topics

- Technical issues (internet caches, proxy servers, encryption, deep/dark web, etc.)
- Legal issues (evaluation of the search results, reliability and credibility of authentication, search across jurisdictions)
- Challenges posed by websites, social networks, emails and other computer-generated or stored documents
- Presenting internet searches in court
- e-Evidence Digital Exchange System (e-EDES)
- Videoconferencing
- Artificial Intelligence (AI)

Language
English

Event number
324DT53

Organisers
ERA (Laviero Buono) in cooperation
with the Portuguese Centre of
Judicial Studies

**C E N T R O
D E E S T U D O S
J U D I C I Á R I O S**



#Digitalisation and #AI in Criminal Justice

Thursday, 26 September 2024

09:00 Arrival and registration of participants

09:30 **Welcome and introduction to the programme**
Fernando Vaz Ventura & 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 current internet technologies.

Chair: Laviero Buono

09:35 **Painting the cyberscape: a portrait in bits**

- Different shades of Internet
- Essential Protocols
- IP Addresses
- Browsers
- URLs and Domains
- Anonymisers
- Logs
- Geolocation

Steven David Brown

10:45 Discussion

11:00 Break

11:30 **Conducting forensic analysis at the crime scene**

- Triage of the crime scene (search warrant, equipment considerations, protocols, interviewing the suspect)
- Gathering digital evidence from live memory
- Labs
- Scripts in digital forensic examinations
- Computer and mobile forensics

Nina Tipura

12:15 Discussion

12:30 Lunch

PART II: LEGAL ISSUES RELATED TO THE COLLECTION AND THE PRESENTATION OF E-EVIDENCE IN COURT

Chair: Steven David Brown

13:30 **AI and criminal defence: friend or foe? A brief overview of the different AI applications with their risks and chances in collecting evidence**
Mirjam Steinfeld

14:15 Discussion

14:30 **Handling electronic evidence in courts**

- The importance of the chain of custody in handling evidence
- Trial considerations: methods of presentation and admissibility tests

George Zlati

15:15 Discussion

15:30 Break

Objective

This seminar addresses various challenges linked to digitalisation that judges, prosecutors and lawyers in private practice working in the field of EU criminal justice will have to face in the years ahead. Some of these challenges such as the exchange of electronic evidence, videoconferencing, use of open source intelligence, artificial intelligence, digital technology, etc. will become the "new normal".

This event is part of a large-scale project sponsored by the European Commission entitled "Judicial training to prepare criminal justice professionals for #digitalisation and #artificialintelligence". It consists of 12 seminars to take place in various EU cities over the period 2024-2027.

Who should attend?

Judges, prosecutors, court staff and lawyers in private practice from eligible EU Member States participating in the EU Justice Programme (*for details see pag 4 "Terms and Conditions"*)

Venue

Centro de Estudos Judiciários,
Largo do Limoeiro
Lisbon (Portugal)

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.

Your contact persons



Laviero Buono
Head of Section



Julia Reitz
Assistant
Tel.: +49(0)651 9 37 37 323
E-Mail: jreitz@era.int

- 16:00 **Towards digitalisation in criminal justice: presentation of the new the new e-evidence Digital Exchange System (e-EDES)**
Óscar Palomo Díaz
- 16:45 Discussion
- 17:00 End of first day
- 19:30 Dinner offered by the organisers

Friday, 27 September 2024

PART III: VIDEOCONFERENCING AND ARTIFICIAL INTELLIGENCE IN CRIMINAL JUSTICE

Chair: George Zlati

- 09:30 **Presenting evidence in court: e-files, videoconferences and remote trials**
- Remote trials during and after the pandemic
 - E-files
 - Witnesses videoconferences
 - Assessing evidence, the impact of artificial intelligence
- Andrea Cruciani*
- 10:15 Discussion
- 10:30 **The nexus between Artificial Intelligence and criminal law**
David Ramalho Silva
- 11:15 Discussion
- 11:30 Break
- 12:00 **Artificial intelligence in the courtroom: a comparative analysis of machine evidence in criminal trials**
Serena Quattrocolo
- 12:45 Discussion
- 13:00 End of online seminar and light lunch

For programme updates: www.era.int.
Programme may be subject to amendment.

Apply online for
“#Digitalisation and #AI in
Criminal Justice”:
www.era.int/?132559&en



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Application

#DIGITALISATION AND #ARTIFICIALINTELLIGENCE IN CRIMINAL JUSTICE

Lisbon, 26-27 September 2024 / Event number: 324DT53/JR



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Terms and conditions of participation

Selection

1. Participation is only open to judges, prosecutors, court staff and lawyers in private practice from eligible EU Member States. Participation is only open to judges, prosecutors, court staff and lawyers in private practice from eligible EU Member States participating in the EU Justice Programme (Denmark does not participate) including Albania and Kosovo* (*this designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ opinion on the Kosovo declaration of independence*).
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 **10 June 2024**.
3. A response will be sent to every applicant after this deadline. **We advise you not to book any travel before you receive our confirmation.**

Registration Fee

4. €135 including documentation, coffee breaks, lunches and dinner.

Travel and Accommodation Expenses

5. Participants will receive a fixed contribution towards their travel expenses and are asked to book their own travel. The condition for payment of this contribution is to sign all attendance sheets at the event. No supporting documents are needed. The amount of the contribution will be determined by the EU unit cost calculation guidelines, which are based on the distance from the participant's place of work to the seminar location and will not take account of the participant's actual travel costs.
6. Travel costs from outside Portugal: participants can calculate the contribution to which they will be entitled on the European Commission website (<https://era-comm.eu/go/calculator>). The distance should be calculated from their place of work to the seminar location (*in case of participants from Spain the amounts for Inter-Member States return journeys between 50 and 400 km is fixed at €54. Please consult p.11 on <https://era-comm.eu/go/unit-cost-decision-travel>*).
7. For those travelling within Portugal, the contribution for travel is fixed at €40 (for a distance between 50km and 400km). Please note that no contribution will be paid for travel under 50km. For more information, please consult p.10 on <https://era-comm.eu/go/unit-cost-decision-travel>
8. Accommodation costs: International participants travelling more than 50km one-way will receive a fixed contribution of €109 per night for up to two nights' accommodation. National participants will receive a fixed contribution of €109 per night up to one night accommodation. For more information, please consult p.13 on <https://era-comm.eu/go/unit-cost-decision-travel>
9. Successful applicants will be sent the relevant claim form and information on how to obtain payment of the contribution to their expenses. Please note that no payment is possible if the registered participant cancels their participation for any reason.

Participation

10. Participation at the whole seminar is required and participants' presence will be recorded.
11. A list of participants including each participant's address will be made available to all participants unless ERA receives written objection from the participant no later than one week prior to the beginning of the event.
12. The participant will be asked to give permission for their address and other relevant information to be stored in ERA's database in order to provide information about future ERA events.

Venue

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Contact Person

Julia Reitz
Assistant
Tel.: +49(0)651 9 37 37 323
E-Mail: jreitz@era.int