



ARTIFICIAL INTELLIGENCE (AI) AND "SMART" CRIMINAL JUSTICE SYSTEMS

APPLICATION OF AI IN LEGAL PRACTICE

Lisbon & Online, 5-6 June 2024

EXCELLENCE IN
EUROPEAN LAW

Speakers and Chairs

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

Salomé Eriksson, Lecturer, University of Basel

Vanessa Franssen, Professor, University of Liège; Affiliated Senior Researcher, Institute of Criminal Law, University of Leuven

Pete Fussey, Professor, Director of the Centre for Research into Information, Surveillance and Privacy (CRISP), University of Essex

Maša Galič, Assistant Professor, Privacy and Procedural Criminal Law, Criminal Law and Criminology Department, Vrije Universiteit (VU), Amsterdam

Julija Kalpokienė, Attorney at Law, Kaunas; Junior Researcher, Vytautas Magnus University

Krisztina Karsai, Professor, Criminal Law, University of Szeged (Hungary)

Emmanuelle Legrand, Magistrate, Head of Projects, Cloud and Data Economy Regulation, Ministry of Economy, Finance, Industrial and Digital Sovereignty, Paris

Jan-Jaap Oerlemans, Professor of intelligence and law, University of Leiden

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

Jesper Ryberg, Professor, **Ethics and Philosophy of Law**, Department of Philosophy and Science Studies, Roskilde University

Yolanda van Setten, Deputy Judge, Court of Appeal, Den Bosch

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

Key topics

- What AI is and what legal practitioners need to know
- Robots causing harm: practical issues for police investigations
- Using AI to predict crimes
- Facial recognition technology in policing
- Bias in machine-learning and AI systems
- Sentencing and AI

Language
English

Event number
325D60

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

**CENTRO
DE ESTUDOS
JUDICIÁRIOS**



Artificial Intelligence (AI) and “smart” criminal justice systems

Thursday, 5 June 2025

09:00 Connecting to the platform // *Time indicated is GMT + 1 (Lisbon local time)*

09:30 **Welcome and introduction**
Fernando Vaz Ventura & Laviero Buono

I. ARTIFICIAL INTELLIGENCE AND ITS POTENTIAL/LIMITATIONS FOR THE CRIMINAL JUSTICE SYSTEM

Chair: Laviero Buono

09:45 **Putting forward a European approach to artificial intelligence and robotics: key features of the European AI Act**
Emmanuelle Legrand

10:15 Discussion

10:30 **Advanced biometric surveillance and facial recognition technology: where do we currently stand?**
Pete Fussey

11:00 Discussion

11:15 Break

Chair: Emmanuelle Legrand

11:45 **Algorithms and machine learning affecting the criminal justice system**
Salomé Eriksson

12:15 Discussion

12:30 **Algorithmic decision making and issues of criminal justice**
Krisztina Karsai

13:00 Discussion

13:15 Break / lunch for on-site participants

II. ARTIFICIAL INTELLIGENCE IN THE COURTROOM

Chair: Maša Galič

14:30 **The use of AI tools in criminal courts: justice done and seen to be done?**
Vanessa Franssen

15:00 Discussion

15:15 **“Seeing is believing” no longer stands: deepfake technologies and the evaluation of evidence**
Julija Kalpokienė

15:45 Discussion

16:00 Break

Chair: Vanessa Franssen

16:30 **To trust or not to trust: the use of AI in criminal procedures**
Yolanda van Setten

17:00 Discussion

17:15 End of first day

Objective

Artificial Intelligence (AI) is impacting the criminal justice systems by enhancing accuracy, efficiency, and fairness in decision-making processes. “Smart” criminal justice systems leverage AI to improve predictive policing and assist legal practitioners by providing data-driven insights. These advancements have the potential to reduce human error, combat bias, and allocate resources more effectively. However, it is crucial to ensure that AI is implemented ethically, safeguarding against biases and protecting individual rights to maintain public trust in these transformative technologies. After explaining the technical aspects of AI and its implications for privacy-preserving big data technologies, this conference will focus on how AI could be used in criminal proceedings, enabling the shift from a traditionally reactive approach to crime-fighting to one that is more proactive and preventative in character. It will discuss possible solutions for remedying the risks posed by AI and robotics in the criminal justice domain.

Who should attend?

Defence lawyers, in-house counsel, judges, prosecutors, law enforcement authorities, civil servants and policymakers active in the field of criminal law.

Networking

Our legal training events offer a fantastic opportunity to connect with legal professionals and high-level speakers from different parts of Europe. Together, you will have the chance to network during our coffee breaks and enjoy regional culinary specialties during the conference.

Venue

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

Online participation option

The event will be streamed live online. You have the option to follow the conference on Zoom, enabling you to ask questions and take part in the discussion with participants in Dublin via live chat.



19:30 Conference dinner offered by the organisers (for on-site participants)

Friday, 6 June 2025

III. USE OF ARTIFICIAL INTELLIGENCE AND MACHINE-LEARNING IN CONCRETE CRIMINAL JUSTICE CASES

Chair: Krisztina Karsai

09:00 Connecting to the platform // *Time indicated is GMT + 1 (Lisbon local time)*

09:30 **Should artificial intelligence systems be used in criminal sentencing?**
David Silva Ramalho

10:00 Discussion

10:15 **Equality of arms in the context of big data and AI-based search tools: the use of Hansken in the Dutch *Ennetcom* and *EncroChat* cases**
Maša Galič

10:45 Discussion

11:00 Break

Chair: Maša Galič

11:30 **A (legal) deep dive into deepfakes**
Jan-Jaap Oerlemans

12:00 Discussion

12:30 **Pros and cons of sentencing and AI: the conflict between algorithmic accuracy and transparency**
Jesper Ryberg

13:00 Discussion

13:15 End of seminar and light lunch (for on-site participants)



Time indicated is GMT + 1 (Lisbon local time)

Your contacts



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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.

What participants liked in 2024

"High level of lectures, diverse approach to a difficult topic"

"Excellent conference and great organisation"

"New insights in AI by high quality experts"

"The practices and field of further interest toward AI application in judgement, prosecution and assessment"

"Relevance of presentations to my work"

"Interesting to see real life examples of the implementation"

"Interaction among speakers among themselves and with participants"

Upcoming Events

Registration

Artificial Intelligence (AI) and smart criminal justice systems

Lisbon and online, 5-6 June 2025 / Event Number: 324D60 / vg



Registration

Fax: +49 (0) 651 93737-773

E-mail: info@era.int

Online registration:
www.era.int/?132557&en

QR CODE

Postal address:
ERA
Postfach 1640
D-54206 Trier

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

Language
English

Contact Person
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Registration for the above-mentioned event (PLEASE USE BLOCK CAPITALS)

Title	<input type="checkbox"/> Ms	<input type="checkbox"/> Mr	Other	
First Name				
Surname				
Organisation				
Position				Tel.
Department				
E-Mail				
Street/No.				
Postcode/City				Country

Different billing address (if applicable)

Organisation				
First Name				
Surname				
Street/No.				
Postcode/City				Country
Tax number				
VAT number				
Reference				
E-Mail				

Participation type: ☐ I will attend in person ☐ I will attend online
Certificate: ☐ I wish to receive a participation certificate for CPD purposes (with indication of the training hours completed) and agree for my participation to be tracked for this purpose.

Registration fee

Fee	Standard	EU & ERA patrons*	Young lawyers & other groups**	
Registration by 13/05/2025	€ 585.00 <input type="checkbox"/>	€ 438.75 <input type="checkbox"/>	€ 438.75 <input type="checkbox"/>	<p>* EU and ERA Patrons</p> <ul style="list-style-type: none">• Staff of European Union institutions and agencies;• Staff of ERA's patrons: all EU Member States (Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden), Albania, United Kingdom, the German states, Scotland, Serbia and the City of Trier <p>** Young lawyers & other groups</p> <ul style="list-style-type: none">• For young lawyers up to 30 years of age (important: the participant must provide a copy or details of his or her passport or identity card on request);• Full-time staff of universities or comparable academic institutions;• Staff of charitable organisations or comparable institutions
Registration after 13/05/2025	€ 650.00 <input type="checkbox"/>	€ 487.50 <input type="checkbox"/>	€ 478.50 <input type="checkbox"/>	

Method of payment - Important! Please state your name and the event number on the bank transfer.

- ☐ Credit card For registration with credit card payment please go to our website www.era.int/?132557&en
- ☐ Bank transfer I will transfer the registration fee to ERA's account at Deutsche Bundesbank Saarbrücken:
IBAN: DE145900 00 00 00 58501900 – BIC: MARKDEF1590

I confirm my registration and accept the general terms and conditions: www.era.int/legalnotice

Place, Date

Signature

