



ARTIFICIAL INTELLIGENCE (AI) IN CRIMINAL JUSTICE

FROM PREDICTIVE POLICING TO
SENTENCING: AI IN THE COURTROOM

Dublin & Online, 13-14 June 2024

EXCELLENCE IN
EUROPEAN LAW¹

Speakers and Chairs

Philip Anderson, Assistant Professor, Computer and Information Sciences Department, Northumbria University, Newcastle

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

Andrea Cruciani, Judge, Court Martial, Naples

Inês Ferreira, Legal and Policy Research Fellow, Centre for Artificial Intelligence and Robotics, UNICRI, United Nations, The Hague (invited)

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

Sabine Gless, Professor, University of Basel

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

Emmanuelle Legrand, Magistrate, AI Project Manager, Ministry of Economy, Finance, Industrial and Digital Sovereignty, Paris

Sara Phelan SC, Chair, Council of The Bar of Ireland, Dublin

Daragh Troy BL, Lawyer, Member of the Media, Internet and Data Protection Bar Association (MIDBA), Dublin

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

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

324D54

Organisers

ERA (Laviero Buono) in cooperation with The Bar of Ireland



THE BAR
OF IRELAND
The Law Library



Artificial Intelligence (AI) in Criminal Justice

Thursday, 13 June 2024

09:30 **Welcome and introduction**
Sara Phelan SC & 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: work carried out by the European Commission**
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 **Use of machine learning in criminal courts: responsible AI innovation as a solution to mitigate algorithmic bias in criminal justice**
Inês Ferreira

12:15 Discussion

12:30 **AI and law enforcement: a crime-fighting partnership**

- The practical application of AI
- Challenges: ethics and bias
- Acceptance of AI in the judicial process
- Case study

Philip Anderson

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

Objective

Artificial intelligence (AI) is being used in criminal justice systems increasingly to improve efficiency and accuracy.

Although its development is still in its infancy, with expectations often set too high, AI could be beneficial if used to predict crime and as a criminal intelligence tool. However, software programs can malfunction and cause serious harm without being considered – as things stand today – “entities” subject to criminal liability.

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

The Gaffney Room (*no wheelchair accessible*)

The Bar of Ireland,
Distillery Building,
145-151 Church Street,
Dublin 7
D07 WDX8

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.



- 17:15 End of first day
- 19:30 Conference dinner offered by the organisers (for on-site participants)

Friday, 14 June 2024

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

Chair: Philip Anderson

- 09:30 **Should artificial intelligence systems be used in criminal sentencing?**
Daragh Troy
- 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

IV. WITNESSING, VIDEOCONFERENCING AND ARTIFICIAL INTELLIGENCE

Chair: Maša Galič

- 11:30 **Evaluating witness evidence: the impact of videoconferencing and AI tools in trials**
Andrea Cruciani
- 12:00 Discussion

V. LOOKING AHEAD...

- 12:30 **What's next? Crowdsourcing data to challenge the testimony of in-car technology**
Sabine Gless
- 13:00 Discussion
- 13:15 End of seminar and light lunch (for on-site participants)

For programme updates: www.era.int

Times indicated are CET (Central European 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 2023

- "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

Social Network Investigations

From "likes" to evidence
Online, 12-13 March 2024

Cracking Down on Digital Predators in the EU

Investigating and prosecuting online child sexual abuse and sexual violence
Online, 16-17 April 2024

Summer Course on European Criminal Justice

Online, 17-21 June 2024

Registration

Artificial Intelligence (AI) in Criminal Justice

Dublin, 13-14 June 2024 / Event Number: 324D54 / aa



Registration

Fax: +49 (0) 651 93737-773

E-mail: info@era.int

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



Postal address:
ERA
Postfach 1640
D-54206 Trier

Location
The Gaffney Room (*not wheelchair accessible*)
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Language
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Registration for the above-mentioned event (PLEASE USE BLOCK CAPITALS)

Title Ms 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 13/05/2024	€ 585.00 <input type="checkbox"/>	€ 438.75 <input type="checkbox"/>	€ 438.75 <input type="checkbox"/>
Registration after 13/05/2024	€ 650.00 <input type="checkbox"/>	€ 487.50 <input type="checkbox"/>	€ 478.50 <input type="checkbox"/>

* EU and ERA Patrons
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** Young lawyers & other groups
• 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

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
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