



## ARTIFICIAL INTELLIGENCE (AI) IN CRIMINAL JUSTICE

FROM PREDICTIVE POLICING TO  
SENTENCING: AI IN THE COURTROOM

Dublin & Online, 13-14 June 2024

EXCELLENCE IN  
**EUROPEAN LAW**<sup>7</sup>

### 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

**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, Head of Projects, Cloud and Data Economy Regulation, 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

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

09:30 **Welcome and introduction**  
*Sara Phelan SC & Laviero Buono*

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

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*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

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## II. ARTIFICIAL INTELLIGENCE IN THE COURTROOM

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*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*

## 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.



- 17:00 Discussion
- 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*

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



**Time indicated is GMT + 1 (Irish 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 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*)  
The Bar of Ireland,  
Distillery Building,  
145-151 Church Street,  
Dublin 7  
D07 WDX8

Language  
English

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

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

### Different billing address (if applicable)

Organisation	<input type="text"/>			
First Name	<input type="text"/>			
Surname	<input type="text"/>			
Street/No.	<input type="text"/>			
Postcode/City	<input type="text"/>	Country	<input type="text"/>	
Tax number	<input type="text"/>			
VAT number	<input type="text"/>			
Reference	<input type="text"/>			
E-Mail	<input type="text"/>			

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  
• 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 and the City of Trier

\*\* 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](http://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](http://www.era.int/legalnotice)

Place, Date

Signature

