



Artificial Intelligence (AI) and the Criminal Justice System

AI to predict crimes and as a criminal intelligence tool

ONLINE CONFERENCE, 5-6 November 2020



Criminal Law



Speakers (invited) and Chairs

Sophia Adams Bhatti, Head of Strategy and Policy, Wavelength; former Director of Legal and Regulatory Policy, The Law Society, London

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

Alex Cummins, Head of Innovation, Law Enforcement Portfolio, Digital Data & Technology, Home Office, London

Francien Dechesne, Assistant Professor, Center for Law and Digital Technologies (eLaw), Leiden University

Dick Heimans, Deputy Head of Unit, General Criminal Law, DG Justice, European Commission, Brussels

Robert Kroplewski, Member of the European Commission's High-Level Expert Group on Artificial Intelligence, Brussels; Solicitor; Plenipotentiary of Minister of Digital Affairs for Information Society, AIDA NASK, Warsaw

Cornelia Kutterer, Senior Director, EU Government Affairs, AI, Privacy and Digital Policies, Microsoft, Brussels

James Luke, Technical Executive, Global Business Services, IBM, Winchester

Anjali Mazumder, AI, Justice and Human Rights Theme Lead, The Alan Turing Institute, London

Odette McHenry, Head of Innovation, Digital Data and Technology, Home Office, London

Sigrit Siht, Director of Data Policy, Ministry of Economic Affairs and Communications, Tallinn

Philipp Slusallek, Member of the European Commission's High-Level Expert Group on Artificial Intelligence, Brussels; Scientific Director, German Research Centre for Artificial Intelligence (DFKI), Saarbrücken

Matthias Spielkamp, Co-Founder and Executive Director, Algorithmwatch, Berlin

Rosamunde Van Brakel, Post-doctoral Researcher, Predictive Policing, AI, Profiling and Surveillance, Free University of Brussels

Simone van der Hof, Professor, Law and Information Society, Leiden University

Ian Walden, Professor, Head of the Institute of Computer and Communications Law, Queen Mary University of London

Key topics

- AI and its implications for the criminal justice system
- Using AI in criminal intelligence
- AI to predict crimes
- The internet industry approach to AI
- AI, ethics and privacy

Language

English

Event number

320SD61

Organisers

ERA (Laviero Buono) in cooperation with Queen Mary University of London



With the support of the Erasmus+ programme of the European Union

Artificial Intelligence (AI) and the Criminal Justice System

Thursday, 5 November 2020

08:30 Connecting to the videoconference platform

09:00 **Welcome and introduction**

Laviero Buono

I. ARTIFICIAL INTELLIGENCE AND ITS IMPLICATIONS FOR THE CRIMINAL JUSTICE SYSTEM

Chair: Laviero Buono

09:15 **Introducing the technical aspects of artificial intelligence and its implications for privacy-preserving big data technologies**

Francien Dechesne

10:00 Discussion

10:15 **Putting forward a European approach to artificial intelligence and robotics: work carried out by the European Commission**

Dick Heimans

11:00 Discussion

11:15 Short break

Chair: Ian Walden

11:30 **Algorithms in justice and justice in algorithms: are there legal decisions that can really be delegated to algorithms?**

Anjali Mazumder

12:15 Discussion

12:30 Break

II. USING ARTIFICIAL INTELLIGENCE TO PREDICT CRIMES: FORECASTING CRIMINAL BEHAVIOUR AND FUTURE DANGEROUSNESS

Chair: Ian Walden

13:00 **Automated decision-making for law enforcement purposes: risk of rubber-stamping and other concerns**

Sophia Adams Bhatti

13:30 Discussion

13:40 **Artificial intelligence in criminal intelligence: how effective can a predictive machine-learning approach be?**

Rosamunde Van Brakel

14:10 Discussion

14:20 Short break

Chair: Laviero Buono

14:30 **Leveraging AI for law enforcement in the UK: a survey of AI initiatives with case studies**

- *Odette McHenry*
- *Alex Cummins*

15:00 Discussion

15:10 **A unified approach for a wider implementation of AI: work carried out in Estonia**

Sigrit Siht

Objective

The rapid progress of artificial intelligence (AI) and machine-learning raises key questions regarding benefits and risks for the criminal justice system. This online conference will focus on how AI could be used to predict crimes and as a criminal intelligence tool, enabling the shift from a traditionally reactionary approach to crime-fighting to one that is more proactive and preventative in character. It is aimed at judges, lawyers, prosecutors, police investigators and civil servants with a view to highlighting the aspects of artificial intelligence already in use today as well as the changes and opportunities on the horizon.

Who should attend?

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

Interactive online conference

The online conference will be hosted on ERA's own online training platform. You will be able to interact immediately and directly with our top-quality speakers and other participants. We will make the most of the technical tools available to deliver an intensive, interactive training experience. As the platform is hosted on our own server, the highest security settings will be applied to ensure that you can participate safely in a high-quality online training environment.

Your contact persons



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CPD

The Academy of European Law's conferences and seminars meet the standard requirements for Continuing Professional Development (CPD) recognition. Participation in this event corresponds to **9.5 CPD hours**.

- 15:40 Discussion
- 15:50 **“Sweetie 2.0”: an automated chat function to track, identify and deter individuals using the internet to sexually abuse children**
Simone van der Hof
- 16:20 Discussion
- 16:30 End of first online conference day

Friday, 6 November 2020

III. ARTIFICIAL INTELLIGENCE AND THE INTERNET INDUSTRY’S APPROACH TO SERVE THE CRIMINAL JUSTICE SYSTEM BETTER

Chair: Ian Walden

- 08:45 Connecting to the videoconference platform
- 09:00 **Responsible AI: developing codes of conduct in designing and using algorithms to help law enforcers and judicial authorities better**
 - *Cornelia Kutterer, Microsoft*
 - *James Luke, IBM*
- 09:45 Discussion
- 10:00 **Evaluating and shedding light on algorithmic decision-making processes with social relevance: a view from the coalface**
Matthias Spielkamp
- 10:30 **Trust can be sold: a set of legal rules for the proper design, development and implementation of AI**
Robert Kroplewski
- 11:00 Discussion
- 11:15 Short break

IV. ARTIFICIAL INTELLIGENCE, PREDICTIVE POLICING AND THE INTERSECTION BETWEEN ETHICS AND PRIVACY

Chair: Laviero Buono

- 11:30 **Ethics as an essential element in developing computer systems able to simulate human-like intelligence**
Philipp Slusallek
- 12:00 Discussion
- 12:10 **Artificial Intelligence, big data and the General Data Protection Regulation (GDPR)**
Ian Walden
- 12:40 Discussion
- 12:50 End of online conference

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

Save the date

Online Annual Conference on European Border Management 2020
22-23 October 2020

Annual Conference on European Criminal Justice 2020
Event will be live streamed
Trier, 12-13 November 2020

Sanctions in the EU’s External Relations
Trier, 3-4 December 2020

Annual Conference on Countering Terrorism in the EU 2020
Trier, 10-11 December 2020

ERA e-Learning courses

The Case Law of the CJEU for Criminal Law Practitioners: 10 Key Questions
Specialised e-learning course
This e-learning course answers 10 key questions on the general principles of EU law as applied by the CJEU to criminal justice and its interpretation of concepts of substantive and procedural criminal law.

The European Arrest Warrant: 10 Key Questions for Defence Counsel
Specialised e-learning course
This e-learning course answers 10 key questions on the role of the defence lawyer in European Arrest Warrant (EAW) proceedings.
Each answer provides the reader with a structured overview of the topic as well as detailed information regarding relevant instruments and cases.

www.era.int/elearning

Registration

AI and the Criminal Justice System – Online Conference

5-6 November 2020 / 320SD61



Registration

Fax: +49 (0) 651 93737-773

E-mail: info@era.int

Online registration:
www.era.int/?129331&en

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Postfach 1640
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Language

English

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Evening programme: I shall attend the function on 5 November 2020 (at no extra charge).

Registration fee

Fee	Standard	EU & ERA patrons*	Young lawyers & other groups**
Registration by 05/10/2020	€ 531.00 <input type="checkbox"/>	€ 318.60 <input type="checkbox"/>	€ 398.25 <input type="checkbox"/>
Registration after 05/10/2020	€ 590.00 <input type="checkbox"/>	€ 354.00 <input type="checkbox"/>	€ 442.50 <input type="checkbox"/>

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- Fellows of the European Law Institute

** 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 registration);
- Full-time staff of universities or comparable academic institutions;
- Staff of charitable organisations or comparable institutions
- Registration of three or more employees from the same organisation

Method of payment

- Credit card For registration with credit card payment please go to our website www.era.int/?129331&en
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