

# PROGRAMME

## THE ADVENT OF AI: RESHAPING CRIMINAL PROCEDURE

7 – 8 November 2024

### THURSDAY, 7 NOVEMBER

08.30 **Welcome and registration**

09.00 **Opening address**

Prof. Simone Niclou, Vice-Rector of the Faculty of Science, Technology and Medicine, University of Luxembourg  
Elisabeth Margue, Minister of Justice and Minister Delegate for the Ministry of State's Department of Media, Connectivity & Digital Policy  
Stéphanie Obertin, Minister for Research and Higher Education and Minister for Digitalisation

09.20 **The Advent of AI: Reshaping Criminal Procedure - Introduction**

Prof. Katalin Ligeti, Dean of the Faculty of Law, Economics and Finance, University of Luxembourg

09.35 **Global (regulatory) challenges of AI**

Prof. Jean-Louis Schiltz, University of Luxembourg; Senior partner at Schiltz & Schiltz

10.00 **Coffee break**

10.15 **SESSION I – ROUNDTABLE DISCUSSION: ON INTERNATIONAL POLICY APPROACHES TO ARTIFICIAL INTELLIGENCE AND CRIMINAL LAW**

**Chair:** Prof. Mark Cole, University of Luxembourg

**The EU Artificial Intelligence Act (AIA) and Digital Services Act (DSA)**  
European Commission (*tbc*)

**Framework Convention on Artificial Intelligence and Human Rights, Democracy and the Rule of Law**

Ambassador Thomas Schneider, Chair of the Council of Europe's Committee on Artificial Intelligence (2022-2024)

**The UK's Approach on AI and its Use in the Legal Domain**

Rudi Fortson, Barrister, KC., Visiting Professor of Law at QMUL and the University of Liverpool

**After the US Election: The Future of the AI Executive Order and US AI Policy**

Marc Rotenberg, Executive Director and Founder of the Center for AI and Digital Policy, Adjunct Professor of Law at Georgetown University

**Discussion (20 min)**

11.55 **Coffee break**

12.15 **Keynote Address**

**Chair:** Prof. Valsamis Mitsilegas, Dean, School of Law and Social Justice, University of Liverpool

**Transparency and Human Oversight of Automated Decisions in the Case Law of the CJEU: Is There a Need for Explainability of the Black Box?**

Judge François Biltgen, Court of Justice of the European Union

**Discussion (20 min)**

13.15 **Lunch break**

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### 14.15 **SESSION II – AI EVIDENCE IN THE COURTROOM – NATIONAL EXPERIENCES**

**Chair:** Prof. John Vervaele, Utrecht University

**Unpacking AI Evidence and (Re)- Defining Procedural Safeguards in Digital Investigations**  
Prof. Katalin Ligeti, Dean of the Faculty of Law, Economics and Finance, University of Luxembourg

**Algorithmic Criminal Procedure in the Netherlands**  
Prof. Rick Robroek, Utrecht University

**AI for the Detection of Child Sexual Abuse Materials in Germany**  
Prof. Dominik Brodowski, University of Saarland

**Discussion (30 min)**

16.00 **Coffee break**

### 16.30 **SESSION III – RETHINKING RULES FOR FORENSIC EXPERT EVIDENCE WHEN USING AI TOOLS IN FORENSICS**

**Chair:** Prof. André Klip, Maastricht University

**AI Evidence and the Role of Forensic Experts**  
Karsten Theiner, Director at Grant Thornton Austria

**Do we Need Harmonised European Standards for Digital Forensics?**  
Prof. Radina Stoykova, University of Groningen

**Trade Secrecy and Algorithmic Forensics in the US**  
Prof. Natalie Ram, University of Maryland (online)

**Discussion (30 min)**

19.00 **Speakers dinner**

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### FRIDAY, 8 NOVEMBER

#### 09.30 **SESSION IV – AI EVIDENCE IN THE COURTROOM – NATIONAL EXPERIENCES (CONTINUED)**

**Chair:** Prof. Vanessa Franssen, University of Liège

**The Use of Facial Recognition Technology by Law Enforcement in France**  
Prof. Juliette Lelieur, University of Strasbourg

**Deepfake Evidence in Criminal Proceedings**  
Clementina Salvi, Doctoral researcher in Criminal Law and AI, Queen Mary University of London

**Data Protection Standards and the Use of AI for Investigation and Prosecution**  
Prof. Paul de Hert, Vrije Universiteit Brussel

**Discussion (30 min)**

#### 11.00 **Coffee break**

#### 11.30 **SESSION V – CHALLENGING AI EVIDENCE IN CRIMINAL TRIALS**

**Chair:** Prof. Silvia Allegrezza, University of Luxembourg

**Challenges Raised by AI Evidence: Lessons from the US Criminal Justice System**  
Jumana Musa, Director of the Fourth Amendment Center at the National Association of Criminal Defense Lawyers

**Rules on Expert Testimony based on a Comparative Perspective on Device Evidence**  
Prof. Sabine Gless, University of Basel

**Rule 702 Amendments and their Impact on Admissibility of AI Evidence**  
Prof. Brandon Garrett, Duke University School of Law (online)

**Discussion (30 min)**

#### 13.00 **Closing remarks**

Prof. Katalin Ligeti, Dean of the Faculty of Law, Economics and Finance, University of Luxembourg

#### 13.15 **Lunch and end of the conference**