



UNIVERSITÀ
DEGLI STUDI
DI BERGAMO

Department
of Law

October
25-26

International Conference Artificial Intelligence and Criminal Law

Chairs and Panelists

Alberto Aimi, e-Campus University
Alice Giannini, Maastricht University
Anna Lorenzetti, University of Bergamo
Ana María Vicario Pérez, Universidad de Burgos
Andrea Bravo Bolado, Universidad Autónoma de Madrid
Angela Condello, University of Messina
Anna Błachnio-Parzych, Kozminski University
Davide Battisti, University of Bergamo
Elizabeth Tiarks, Aberdeen University
Francesca Cerea, University of Bergamo
Francesco Morelli, University of Bergamo
Francisco Balaguer Callejón, Universidad de Granada
Franco Taroni, Université de Lausanne
Gabriel Hallevy, Ono Academic College
Judith H. Germano, New York University
Julian Roberts, University of Oxford
Linus M. Ensel, Max Planck Institute
Luigi Cornacchia, University of Bergamo
Manuel Cancio Meliá, Universidad Autónoma de Madrid
Marco Pelissero, University of Turin
Maria Zanichelli, University of Bergamo
Mario Caterini, University of Calabria
Mark Dsouza, University College London
Morena Gallo, University of Calabria
Nicolò Amore, University of Pisa
Paul Nemitz, EU Commission
Pierpaolo Astorina Marino, University of Bergamo
Shuhong Zhao, Beijing Normal University
Yuto Nakamura, Kwansei Gakuin University
Zhilong Guo, China University of Political Science and Law



**Friday,
October 25, 2024**

Aula Magna

Piazzale Sant'Agostino, 2
I Session 9:00 am - 1:30 pm
II Session 3:00 pm - 7:30 pm

**Saturday,
October 26, 2024**

Sala Galeotti

Department of Law
Via Caniana, 2
III Session 9:00 am - 1:30 pm

Scientific Director

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dell'Università
e della Ricerca



International Conference Artificial Intelligence and Criminal Law



Conference program

Sessions:

- I - AI and Criminal Law
- II - AI Crimes and the Criminal Justice System
- III - AI, Legal and Ethical Implications

**Friday,
October 25, 2024**

Aula Magna

Piazzale Sant'Agostino, 2
9:00 am - 1:30 pm

Session I. AI and Criminal Law

9.00 OPENING REMARKS

Corrado Del Bo', Director of the Department of Law - University of Bergamo
Luigi Scollo, European Research Group On Artificial Intelligence - University of Bergamo

9.30 I SESSION - PANEL 1: AI AND CRIMINAL LAW

Chair: **Luigi Cornacchia**, University of Bergamo

Paul Nemitz, EU Commission

Technological solutionism and limits to processing of Digital Data and Artificial Intelligence in Law Enforcement under EU Law and common principles of Law of the Member States

Gabriel Hallevy, Ono Academic College

Direct Criminal Liability of Strong AI Systems: Does a Machine Have a Legal Personhood?

Shuhong Zhao, Beijing Normal University

Impact of GAI Such as Sora on the Judicial Identification of Fraud

11.10 (coffee break)

11.30 I SESSION - PANEL 2: AI AND CRIMINAL LAW

Chair: **Marco Pelissero**, University of Turin

Zhilong Guo, China University of Political Science and Law, Beijing
China Law's Preventative Responses to AI Crimes

Mark Dsouza, University College London

Artificial Intelligence and the Foundations of Substantive Criminal Law

Anna Błachnio-Parzych, Kozminski University

Criminal law protection against artificial intelligence threats in finance

Yuto Nakamura, Kwansei Gakuin University

AI and criminal law reactions - a perspective from Japanese law

13.30 (lunch break)





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Piazzale Sant'Agostino, 2
3:00 pm - 7:30 pm

Session II. AI Crimes and Criminal Justice System

15.00 II SESSION - PANEL 1: AI CRIMES AND CRIMINAL JUSTICE SYSTEM

Co-Chairs: **Pierpaolo Astorina Marino** and **Francesco Morelli**, University of Bergamo

Ana María Vicario Pérez, Universidad de Burgos

Possibilities of Attributing Criminal Liability for Crimes Committed by Means of Artificial Intelligence

Andrea Bravo Bolado, Universidad Autónoma de Madrid

What Are the Gaps that Should Matter Today in Criminal Law Regarding AI? Responsibility, retribution, and some terminological clarifications

Nicolò Amore, University of Pisa

Data-Driven Medicine and Data-Drifted Criminal Law. Health Protection Through Penal Intervention in AI-Enhanced Clinical Settings

Alice Giannini, Maastricht University

'A perfect storm'. On AI and Criminal Liability for Disasters

16.30 (coffee break)

16.50 II SESSION - PANEL 2: AI CRIMES AND CRIMINAL JUSTICE SYSTEM

Co-Chairs: **Pierpaolo Astorina Marino** and **Francesco Morelli**, University of Bergamo

Judith H. Germano, New York University

Sub-Zero Trust: Preventing and Prosecuting AI Enabled Cybercrime

Julian Roberts, University of Oxford

The Proper Role of AI at Sentencing

Elizabeth Tiarks, Aberdeen University

AI in Sentencing in England and Wales: a Practice Perspective

Linus M. Ensel, Max Planck Institute

Rationality in Sentencing – The Basis for an Algorithmic Approach?



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- III - AI Legal and Ethical Implications

**Saturday,
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Sala Galeotti

Department of Law
Via Caniana, 2
9:00 am - 1:30 pm

**Session III.
AI,
Legal
and
Ethical
Implications**

9.00 III SESSION - PANEL 1: AI, LEGAL AND ETHICAL IMPLICATIONS

Chair: Anna Lorenzetti, University of Bergamo

Francisco Balaguer Callejón, Universidad de Granada
La costituzione dell'algoritmo

Maria Zanichelli, University of Bergamo
Intelligenza artificiale e Rule of Law

Angela Condello, University of Messina
Lost in datafication: prospettive critiche su diritto, giustizia, algoritmi

Davide Battisti, University of Bergamo
The mediating role of AI: a new challenge for human relationships?

11.10 (coffee break)

11.30 III SESSION - PANEL 2: AI, LEGAL AND ETHICAL IMPLICATIONS

Chair: Anna Lorenzetti, University of Bergamo

Franco Taroni, Université de Lausanne
Model-Independent Measures for Forensic Authorship Discrimination Using a Bayesian Probabilistic Approach

Mario Caterini, University of Calabria
L'intelligenza artificiale e l'interpretazione delle norme penali

Morena Gallo, University of Calabria
Il probabilismo alla base del 'ragionamento' artificiale: verso una diversa certezza del diritto penale?

Alberto Aimi, e-Campus University
Sistemi di information retrieval in ambito legale: il progetto Winfried

Francesca Cerea, University of Bergamo
Intelligenza artificiale e professioni legali. Profili normativi.

CLOSING REMARKS

13.10 **Manuel Cancio Meliá**, Universidad Autónoma de Madrid