



UNIVERSITÀ
DI PARMA

DIPARTIMENTO DI GIURISPRUDENZA,
STUDI POLITICI E INTERNAZIONALI

DIPARTIMENTO 2023
DI ECCELLENZA 2027

ARTIFICIAL INTELLIGENCE AND SENSITIVE DATA: CHALLENGES, REGULATORY SOLUTIONS AND THE PROTECTION OF FUNDAMENTAL RIGHTS

20th October 2025

Biblioteca Storica di Diritto Pubblico - Via Università 12, Parma

Welcoming Speech 9:00 - 9:30

Lucia Scaffardi – University of Parma

Morning Session 9:30 – 13:00

Panelchair: **Marco Bassini** – Tilburg University

Constitutionalising EU Digital Rights: Propelling Factors and Decelerating Phenomena

Edoardo Celeste – Dublin City University

Session I: Biometric Data and Facial Recognition: Navigating Law and Technology

Invisible Traces: How Modern AI Perceives Individuals

Tomaso Fontanini – University of Parma

Claudio Ferrari – University of Siena

Facial Recognition Technologies After the AI Act: What is Special of the Lex Specialis?

Federica Paolucci – Bocconi University

Smiling Under Scrutiny:

Regulating Emotional AI Within the EU's Rights-Based Legal Framework

Alessandro Rosanò – University of Parma

Coffee Break 11:15 – 11:45

Session II: Artificial Intelligence in Healthcare: Legal Risks and Responses

(In)Accuracy of Healthcare AI:

Do the AI Act and GDPR Help Mitigate Risks of Associated Harm?

Elisabetta Biasin – KU Leuven Centre for IT & IP Law

Synthetic Data in Healthcare:

From Application Pathways to Regulatory Dynamics in the Digital Age

Massimiliano Baroni – University of Parma

The Future of Digital Healthcare: Patients' Rights in the European Health Data Space

Elena Scalco – University of Parma

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Parallel Session I:

Biblioteca Storica di Diritto Pubblico

Panelchair: Giuseppe Mobilio – University of Florence

Cultured Proportionality: Navigating the EU's Fragmented Facial Recognition Landscape

Natalia Menendez Gonzalez – CUNEF University and European University Institute

Facial Recognition in Brazilian Parliament Legislative Procedure: An Ethical Use Proposal

Shana Schlottfeldt – Dublin City University and Brazilian Chamber of Deputies' School of Government (Cefor/CD)

AI Systems for the Untargeted Scraping of Facial Images Under Regulation (EU) 2024/1689: Prohibition, Legal Challenges and the Role of Data Protection Law

Daniele Sborlini – University of Bologna

Artificial Intelligence and Data Protection: Safeguarding Foreign Minors Between the GDPR and the Eurodac Reform

Amy Bugnoli – University of Innsbruck

Regulatory Challenges of 'Affective Biometrics' in the Workplace and Healthcare

Marco Ladu – University eCampus

Protecting Biometric and Health Data: A Comparative Analysis of the GDPR and the AI Act Through DPIA and FRIA

Davide De Luca – University of Teramo

Parallel Session II:

Aula Bandiera

Panelchair: Jan De Bruyne – KU Leuven Centre for IT & IP Law

Regulating AI-Based Medical Devices: Affinities and Divergences in Comparative Law

Silvio Roberto Vinceti – University of Bologna

Risk Governance under the AI Act and the Medical Device Regulation (MDR) – Assessing 'Acceptable Associated Residual Risks'

Eylem Karakaya – KU Leuven Centre for IT & IP Law

"Necessary" Bias in Medical AI Systems: Navigating the GDPR, the AI Act and the Right to Health

Kseniia Guliaeva, Katja Hartl – University of Vienna

The Secondary Use of Health Data for Research and Innovation: From the GDPR to the EHDS

Federica Casarosa, Francesca Gennari – Sant' Anna School of Advanced Studies

Towards an Equitable Use of Digital Twins in Medicine:

Opportunities and Risks of Data Altruism

Martina Baltuzzi – University of Bologna and University of Turin

Artificial Intelligence and Health Insurance in the US: From Litigation to Reforms?

Carlo Maria Masieri – University of Milan

Concluding Remarks 17:40 - 18:00

Giulia Formici – University of Parma

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For more information, please contact the Organizing Committee at convegnoparma2025@gmail.com



This Conference is part of the Research Project "AI-Biometric Systems and Fundamental Rights Protection: Legal Challenges and Regulatory Solutions in a Comparative Perspective", funded by the University of Parma through the action Bando di Ateneo 2024 per la ricerca (Principal Investigator: Professor Giulia Formici).

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