

Third Edition

LAWTOMATION DAYS

computing the law, regulating the algorithm
the transformative power of digital ecosystems

26-27 September 2024
IE University – Madrid



AGENDA v.2

Much change has happened in recent years. Large segments of today’s society are automated, at least in part, raising the need for further cross-disciplinary discussions.

The third edition of the **“Lawtimation Days” conference** aims to ideally “square the circle”.

The key theme of the conference is **the transformative power of digital ecosystems**. We want to explore how technological advancements can be harnessed to create more sustainable, inclusive and ethically grounded environments. Ultimately, the goal is to provide a space for thought-provoking research that can drive forward the agenda.

On the one hand, the conference intends to explore how law can pursue the goal of automation in fields such as **consumer law, criminal law, labour law, public law, private law and trade law**. On the other, it aims to provide a constructive assessment of the multiple regulatory and legislative initiatives adopted to govern the digital world, including instances of institutional activism such as the AI Act, the DMA, the DSA, the Data Act, the AI Liability and Product Liability Directives, the Data Governance Act and the Platform Work Directive.

This conference edition aims to inject a **much-needed dose of realism** into a world grappling with contrasting attitudes—hype and alarmism—to shed light on the effectiveness, pitfalls and potential areas for improvement in existing legal instruments.

Thursday, September 26

13:30 – 14:30	Registration & coffee 🚀
IE Tower – FLOOR 24 (IE Club)	

14:30 – 16:00	Keynote speeches 🗨
IE Tower – FLOOR 24 (IE Club)	Zoom link 🔗

» **Soledad Atienza**
Dean, IE University Law School

Welcome address

» **Lilian Edwards**
Newcastle University, UK

*Elephants Never Forget and Neither Does ChatGPT;
Reputation Management in the LLM Era*

» **Oliver Goodenough**
Vermont Law School, USA

*Law as Computation:
Lessons from Insurance and Financial Contracts*

Chair: **Francisco de Elizalde**
IE University Law School

PI Lawtimation

16:15 – 17:45		Parallel Sessions	#1
ROOM T-09.03A	ROOM T-09.03B	ROOM T-09.04A	ROOM T-09.04B
<p><i>EU Tech Governance</i></p> <p>Diana Popa Delft University of Technology, the Netherlands</p> <p>An EU approach to regulating technologies in the race for strategic technological autonomy</p> <p>Giovanni De Gregorio Universidade Católica Portuguesa, Portugal</p> <p>Simona Demkova Leiden University, Netherlands</p> <p>The Endless Quest for Better Enforcement of EU Digital Laws</p> <p>Tiago Cabral JusGov Research Centre, Portugal</p> <p>The list of high-risk Systems under the AI Act: legal certainty or lack of flexibility?</p> <p>Eduard Fosch-Villaronga, Marie Schwed-Shenker, Mohammed Raiz Shaffique & Antoni Mut Leiden University, the Netherlands</p> <p>Knowledge for robot policy</p>	<p><i>Legal Tech</i></p> <p>Santiago Rodríguez Senior IE Law School, Spain</p> <p>The impact of artificial intelligence in the legal services industry</p> <p>Gentjan Skara Epoka University, Albania</p> <p>Transformation of the Legal Services in the Era of Digitalisation</p> <p>Devansh Agrawal & Johanna Jacobsson IE University Law School, Spain</p> <p>AI legal tools and the opportunity to modernise the practice rules for lawyers</p> <p>Sara Hourani Middlesex University London, UK</p> <p>A Legal Overview of AI in Decision-Making in International Arbitration</p> <p>Xavier Lavayssière Université Paris 1 Panthéon-Sorbonne, France</p> <p>Trust Minimization in Payment Systems</p>	<p><i>Algorithms and Workers' Rights</i></p> <p>Anne Joppe Utrecht University, the Netherlands</p> <p>Algorithmic management and regulatory developments: the AI Act and the Platform Work Directive</p> <p>Nikolett Hős Pázmány Péter Catholic University, Hungary</p> <p>On the uses and abuses of digitalisation and algorithmic management in the field of labour law</p> <p>Tammy Katsabian The College of Management Academic Studies, Israel</p> <p>Einat Albin The Hebrew University of Jerusalem, Israel</p> <p>Imposing Legal Responsibility on Tech Companies to Protect Labor Rights - New Thoughts on Labor Rights' Regulation</p> <p>Maéva El Bouchikhi University of Lausanne, Switzerland</p> <p>Rethinking Workers' Consent for Digital OSH Devices in the EU: A Critical Analysis</p>	<p><i>Vulnerable Users</i></p> <p>Inês Neves University of Porto and Centre for Interdisciplinary Research on Justice, Portugal</p> <p>Vulnerability: from a minority concept to a defining status in the digital realm</p> <p>Yonah Welker MIT, Former Ministry of AI</p> <p>Disability-Centered AI & Ethics (Opportunities and Limitations Governments Face, AI Act, Treaties, Designated groups)</p> <p>Pui Ying Michelle Liu Radboud University Nijmegen, the Netherlands</p> <p>Digital vulnerability: rethinking the power imbalance in the digital age</p> <p>Iris Benohr Southampton Law School, UK</p> <p>Artificial Intelligence and Consumer Protection in EU Credit Regulation</p> <p>Chiara di Cicco University of Turin</p> <p>Online behavioral advertising on social media: from personalization to manipulation?</p>
Chair: Lazar Radic IE University Law School	Chair: Sergio Verdugo IE University Law School	Chair: Bart Wauters IE University Law School	Chair: Guadalupe Martínez IE University Law School

18:00 – 19:30

Parallel Sessions

#2

ROOM T-09.03A

ROOM T-09.03B

ROOM T-09.04A

ROOM T-09.04B

Criminal Law

Chris Sykes

Manchester Law School, UK

Understanding and regulating AI in criminal practice: a UK perspective on the challenges in e-disclosure

Francesca Palmiotto

IE University Law School, Spain

Judicial Responses in Automated Decision-Making Litigation

Fabio Coppola

University of Salerno, Italy

Risk-full but Useful: The New Challenge of Criminal Law in the Era of Generative AI Systems

Beatriz Goena Vives

Universitat Pompeu Fabra, Spain

Artificial Intelligence and Criminal Justice Criteria

Computational Law

Salomé Lannier, Martina Siclari, Olivier Voordeckers, Sallam Abualhaija, Marcello Ceci & Nicolas Sannier

University of Luxembourg

Explaining the law for software engineering

Yunping Liu

University of Bologna, Italy

Reforming China's Legal Information System with Semantic Web Technology: Adopting the Akoma Ntoso Standard

Federico Galli

University of Bologna

Galileo Sartor

University of Swansea, UK

Computational Analysis of the EU Digital Legal Order: Definitional Mimeses

Maria L Mena & Antonio Falcó

UCH CEU, Spain

The Crossroads Between Law and Theoretical Computer Science: Addressing the Practical Challenges of the Legal Definition of AI in the EU

Regulating Algorithmic Management

Philippa Collins

University of Bristol, UK

The Need for a New Generation of Rights at Work

Christina Hiessl

KU Leuven, Belgium

Case law on algorithmic management at the workplace: Cross-European comparative analysis and tentative conclusions

Marta Otto

University of Warsaw, Poland

Collaborative Governance – The Path Forward in the Era of Technological Management

Antonio Aloisi

IE University Law School, Spain & NYU School of Law, USA

No law is an island. The AI Act in the context of workers' digital rights

AI in the Courtrooms

Anca Radu

European University Institute, Italy, CEPEJ, Council of Europe, and CAIDP Europe

Best Practices in Promoting the Use of AI in the Field of Justice

María Lorena Flórez Rojas

University of Groningen, the Netherlands

Algocracy in the Judiciary: Challenging Trust in the System

Kalliopi Terzidou

University of Luxembourg

The use of (free access) LLMs by self-represented litigants in terms of access to justice

Irina Carnat

Sant'Anna School of Advanced Studies, Italy

Addressing the Risks of Generative AI for the Judiciary: The Accountability Framework(s) under the EU AI Act

Juan David Gutiérrez

Universidad de los Andes, Colombia

Critical Appraisal of the Use of Large Language Models for Judicial Decision-making

fully formed panel

fully formed panel

Chair: **Federica Coppola**

IE University Law School

Chair: **Konstantina Valogianni**

IE University Business School

Chair: **Sara Sanchez**

IE University Law School

Chair: **Juan David Gutiérrez**

Universidad de los Andes

20:30

Azotea del Círculo de Bellas Artes ([directions](#))

Rooftop Aperitivo 

09:00 – 09:30
IE Tower – FLOOR 10 (hub The Garden)

Light breakfast 

09:30 – 11:00		Parallel Sessions	#3
ROOM T-09.03A	ROOM T-09.03B	ROOM T-09.04A	ROOM T-09.04B
<i>Digital Democracy</i>	<i>Next Gen AI</i>	<i>Data transparency at work</i>	<i>DMA: the consumer’s perspective</i>
Damián Tuset Varela Ministry of Foreign Affairs, Spain The Geopolitics of Artificial Intelligence	Gal Forer UC Berkeley School of Law, USA Generative AI Regulation in China and California	Obele Akinniranye & Beatriz Sánchez-Girón Martínez Universidad Pontificia Comillas, Spain Transparency at the workplace: A critical review of the intersection of the AI Act and Directive 2019/1152	Marco Scialdone Consumer Empowerment Project Empowering Consumers: Key DMA Obligations Shaping Our Digital Future
Alejandro Cortés-Arbeláez Universitat Pompeu Fabra, Spain Integrating Digital Technologies into Deliberative Constitutionalism	Roberta Montinaro University of Naples L'Orientale, Italy Uses of Large Language Models in Law: the EU Law Perspective	Carlotta Rigotti, Eduard Fosch-Villaronga & Tessa Verhoef Leiden University, the Netherlands Exploring workers' voices and views on transparency of AI systems in the labor market	Alba Ribera Martinez Universidad Villanueva and University Carlos III, Spain The (Secret) Metrics of DMA Success
Elisa Valletta Bocconi University, Italy European Union and Democratic Digital Divide: the Governance of AI Risks in Electoral Systems	Antonella Zarra Hamburg University, Germany & European Commission Unboxing the black bot: assessing the efficacy of transparency obligations for GenAI	Olgu Özdemir-Ertürk Antalya Bilim University, Turkey From Data to Decision: Protecting Employees Against Unjust Inferences in the Era of AI	Tasos Stampelos Mozilla Changing default settings, the impact of choice screens and the need to respect users' choice
Anna Wyszcka Kozminski University, Poland Democratic AI systems - current law gives us such a guarantee?	Antoni Lorente King's College London, UK The Uneven Distribution of Risks and Opportunities: A Crack in the Framework	Aida Abraha Osgoode Hall Law School, Canada Regulating Algorithmic Harm in the Workplace: A Comparative Analysis of Developments in Canada, USA and EU	Agustin Reyna BEUC Enforcing the DMA from the consumer perspective: opportunities and challenges
	Wayne Wei Wang University of Hong Kong & FGV Rio, Brazil Defining AI Commons in Comparative Legislation: The Case of Open-Source Infrastructure		
			fully formed panel
Chair: Antonios Kouroutakis IE University Law School	Chair: Rafael Ballester-Ripoll IE University School of Science & Technology	Chair: Giulio Allevato IE University Law School	Chair: Marco Scialdone Consumer Empowerment Project

11:00 – 11:30

IE Tower – **FLOOR 10 (hub The Garden)**

Coffee break ☕

11:30 – 13:00

Parallel Sessions

#4

ROOM T-09.03A

ROOM T-09.03B

ROOM T-09.04A

ROOM T-09.04B

ROOM T-09.01

International Law

Methods in law & technology research

Data governance and uses

AI and Liability

The Regulatory Landscape of AI

Marina Aksenova

IE Law School, Spain

Beyond citizenship: virtual spaces of belonging and international law

Kostina Prifti

Erasmus School of Law, the Netherlands

Rita de Sousa Costa

PLMJ Law Firm & University of Algarve, Portugal

Soft law instruments under the GDPR and the quest for effective judicial protection in the age of digital reforms

Marietjie Botes

University of KwaZulu Natal, South Africa

Automated Decisions in Neuro Technologies: Implications and Liability Under the EU AI Liability Directive

Juan David Gutiérrez

Universidad de los Andes, Colombia

Emerging Approaches of AI Regulation Across the World

Teresa Catalano

University of Bari Aldo Moro, Italy

Artificial intelligence and protection of human rights: benefits, prospects and risks for companies

Eduard Fosch Villaronga

Leiden University, the Netherlands

Antonietta Opoku

University of Palermo, Italy

AI in the healthcare sector: improved work performance and protection of patients' personal data

Didem Polad

University of Helsinki, Finland

AI Liability Directive: An effective and adequate remedy for harm caused by AI?

Pablo Contreras

Universidad Central de Chile, Chile

The myth of neuro-rights in Chile

Ash Murphy

Manchester Metropolitan University, UK

International law and emerging technology: a regulatory framework to safeguard the environment and the humans that live in it

Xhulja Shahini

University of Duisburg-Essen, Germany

Riccardo Vecellio Segate

University of Groningen, the Netherlands

The AI Act's "medical exception" to emotion detection algorithms and subliminal systems: Supervisory and executive authority at the boundaries of therapy in smart cobotics

Roser Almenar

University of Valencia, Spain

Appraising the 'liability gap' in AI applications for space activities

Maciej Hulicki

Cardinal Stefan Wyszyński University, Poland

A comparative study of preparedness of common and civil law systems for deployment of algorithmic contracts in trade, in the light of challenges related to AI in contracting

Federica Fedorczyk

Sant'Anna School of Advanced Studies, Italy & NYU, USA

The transformative power of top-down AI misuse: threats to individual freedom and risk of digital authoritarianism

Kars Alfrink

Delft University, the Netherlands

Esra Demir

Erasmus School of Law, the Netherlands

Co-realisation of Innovation and Protection in Data Governance: A Contribution to the Regulatory Governance Debate

Ben Waber

MIT Media Lab and Humanyze, USA

The Fundamental Technical and Systemic Limitations of LLMs and Implications for Law

Francesca Palmiotto

IE University Law School, Spain

fully formed panel

fully formed panel

Chair: **François Delerue**

IE University Law School

Chair: **Kostina Prifti**

Erasmus School of Law

Chair: **Yuliya Kaspiarovich**

IE University Law School

Chair: **Guadalupe Martínez**

IE University Law School

Chair: **Juan David Gutiérrez**

Universidad de los Andes

13:00 – 14:30

IE Tower – **FLOOR 10 (hub The Garden)**

Lunch 🍽️

14:45 – 16:15

Parallel Sessions

#5

ROOM T-09.03A

ROOM T-09.03B

ROOM T-09.04A

ROOM T-09.04B

AI, Rights and Responsibilities

Francesca Mattassoglio
University of Milan Bicocca, Italy

The impact of AI categorisations and classifications on fundamental rights

Elena di Carpegna Brivio
University of Milan Bicocca, Italy

The requirements of a new legal responsibility framework in AI-driven decision-making processes

Giovanni Facci

University of Bologna, Italy

The main legal issues regarding the application of AI systems in professional sports

Matteo Ortino

University of Verona, Italy

Problems in the governance of an increasingly complex digital world

Peter Petkoff

University of Oxford, UK

Ethical issues surrounding AI, rights and responsibilities – applying approaches to law and religion in AI

fully formed panel

Chair: **Federico Ferretti**
University of Bologna

Unveiling the Veil: a critical examination of algorithmic transparency

María Lorena Flórez Rojas

University of Groningen, the Netherlands

Assessing If Explainable AI Represents a Transparency Principle Shortcoming—Insights from Latin American AI Strategies

Cesar Renteria Marin

Centro de Investigación y Docencia Económicas (CIDE), Mexico

Transparency in Sourcing Algorithm Applications in Government

Beatriz Botero

Sciences Po, Paris

Are complex AI systems "observable" - and does it matter? Lessons from critical transparency studies and a way forward

Juan David Gutiérrez

Universidad de los Andes, Colombia

Sarah M. Muñoz-Cadena
Policéntrico, Colombia

Algorithmic Transparency Instruments: A state-of-the-art-review

fully formed panel

Chair: **Juan David Gutiérrez**
Universidad de los Andes

Ethical and Sustainable AI

Juan Felipe Castaño

Universidad Icesi, Colombia

The Age of AI and the Rise of Homo-data

Kostina Prifti

Erasmus University Rotterdam, the Netherlands

A value-sensitive, anthropo-centric assessment model for AI systems

Tianjie Sun

Beijing ShiYi Times Technology

Algorithm Governance in Social Welfare: Balancing Efficiency and Ethics

Kleoniki Pouikli

Utrecht University, the Netherlands

AI Meets Environmental Law: Navigating Legal Opportunities and Challenges towards Sustainable AI

Beatrice Schütte

University of Lapland, Finland

Sustainability as a requirement in product safety and as a defectiveness criterion in product liability

Chair: **François Delerue**
IE University Law School

Algorithmic (In)Justice

Giulia Barone

Insubria University, Italy

Judicial motivation: the key to pursue the goal of automation in criminal proceedings

Filiberto E. Brozzetti

LUISS University, Italy

Dehumanizing Warfare: Ethical Implications of the Deployment of Lethal Autonomous Weapons

Md Raisul Islam Sourav

University of Galway, Ireland

Debunking the Myth of Modern Technology and Enhanced Access to Justice

Fabio Coppola

University of Salerno, Italy

Sentencing and Artificial Intelligence: How AI May Improve Consistency, Transparency and Proportionality at Sentencing

Chair: **Federica Coppola**
IE University Law School

16:30 – 17:30

Keynote speeches 

IE Tower – **ROOM FLOOR 24 (IE Club)**

[Zoom link](#) 

» **Uma Rani**

International Labour Office (ILO)

*What's New in Algorithmic Management?
Trends across Sectors in Regular Workplaces*

» **Omri Ben-Shahar**

University of Chicago Law School, USA

*Regulating Big Data and AI:
The Failure of the Data Privacy Paradigm*

Chair: **Antonio Aloisi**

IE University Law School

Lawtimation

17:30 – 18:30

IE Tower – **ROOM FLOOR 24 (IE Club)**

Goodbye 



Panel format and conference details

Presentations will be organized into chaired panels and the presentation time for each participant will be 10-15 minutes (12 minutes if there are five participants), followed by a Q&A.

The fully formed panels are indicated in the light blue row above.

All classrooms are equipped with a screen. If you wish to use **PPT or other visual aids**, please bring your presentation on a pen drive and install it during the break preceding your session.

There are **no registration fees**. The costs for meals will be covered by the organization. A no-show policy will be enforced.

Practical information

The conference will take place in **Madrid, Spain, at the IE Tower** (also known as CALEIDO), located on Paseo de la Castellana 259E, 28046 Madrid. Directions can be found [here](#).

Metro The closest Metro Station is BEGOÑA (line 10). After you get off the train, follow the exit signs leading to CUATRO TORRES BUSINESS AREA. Once on the street, walk toward the skyscrapers and look up for the tower with the IE logo on top.

Taxi & Ridesharing If you come by taxi or ridesharing, the most convenient drop off location is the main entrance of the EUROSTARS MADRID TOWER hotel. Once there, do not enter the hotel. Instead, walk around the building to reach the IE Tower in less than 3 minutes.

Other Transportation Means Depending on the location of your hotel, you may want to consider other transportation means, such as e-bikes or bus lines 66, 67, 124, 134, 135, 147, 173, 174, 175, 176, or 178. Citymapper is a useful transit app to navigate around Madrid.

Once at the Tower, proceed to the reception desk for check-in and for info on how to **reach floor 24**.

Our campus is fully accessible, but please let us know in advance if you have any special mobility needs.

Guests such as students, alumni, practitioners and staff are invited to register through this [link](#).

Contact details

Convenors: Francisco de Elizalde, Antonio Aloisi, Federica Coppola, François Delerue, Guadalupe Martínez, Yuliya Kaspiarovich.

If you have any questions, please contact us at Isabel.Garces@ie.edu and Luke.Jenkins@ie.edu

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