*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 **"Lawtomation 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 Lawtomation

| 16:15 – 17:45 | | Parallel Sessions | #1 |
|---|---|---|---|
| ROOM **T-09.03A** | ROOM **T-09.03B** | ROOM **T-09.04A** | ROOM **T-09.04B** |
| *EU Tech Governance* | *Legal Tech* | *Algorithms and Workers' Rights* | *Vulnerable Users* |
| **Diana Popa**<br>Delft University of Technology, the Netherlands<br><br>An EU approach to regulating technologies in the race for strategic technological autonomy | **Santiago Rodríguez Senior**<br>IE Law School, Spain<br><br>The impact of artificial intelligence in the legal services industry | **Anne Joppe**<br>Utrecht University, the Netherlands<br><br>Algorithmic management and regulatory developments: the AI Act and the Platform Work Directive | **Inês Neves**<br>University of Porto and Centre for Interdisciplinary Research on Justice, Portugal<br><br>Vulnerability: from a minority concept to a defining status in the digital realm |
| **Giovanni De Gregorio**<br>Universidade Católica Portuguesa, Portugal<br>**Simona Demkova**<br>Leiden University, Netherlands<br><br>The Endless Quest for Better Enforcement of EU Digital Laws | **Gentjan Skara**<br>Epoka University, Albania<br><br>Transformation of the Legal Services in the Era of Digitalisation | **Nikolett Hős**<br>Pázmány Péter Catholic University, Hungary<br><br>On the uses and abuses of digitalisation and algorithmic management in the field of labour law | **Yonah Welker**<br>MIT, Former Ministry of AI<br><br>Disability-Centered AI & Ethics (Opportunities and Limitations Governments Face, AI Act, Treaties, Designated groups) |
| **Tiago Cabral**<br>JusGov Research Centre, Portugal<br><br>The list of high-risk Systems under the AI Act: legal certainty or lack of flexibility? | **Devansh Agrawal & Johanna Jacobsson**<br>IE University Law School, Spain<br><br>AI legal tools and the opportunity to modernise the practice rules for lawyers | **Einat Albin**<br>The Hebrew University of Jerusalem, Israel<br><br>EU AI Regulation Revisited via a Network Setting and a Labour Logic | **Pui Ying Michelle Liu**<br>Radboud University Nijmegen, the Netherlands<br><br>Digital vulnerability: rethinking the power imbalance in the digital age |
| **Eduard Fosch-Villaronga, Marie Schwed-Shenker, Mohammed Raiz Shaffique & Antoni Mut**<br>Leiden University, the Netherlands<br><br>Knowledge for robot policy | **Sara Hourani**<br>Middlesex University London, UK<br><br>A Legal Overview of AI in Decision-Making in International Arbitration | **Tammy Katsabian**<br>The College of Management Academic Studies, Israel<br><br>Platform Companies and Labor Responsibility: Beyond the Traditional Employment Classification | **Iris Benohr**<br>Southampton Law School, UK<br><br>Artificial Intelligence and Consumer Protection in EU Credit Regulation |
| | **Xavier Lavayssière**<br>Université Paris 1 Panthéon-Sorbonne, France<br><br>Trust Minimization in Payment Systems | **Maéva El Bouchikhi**<br>University of Lausanne. Switzerland<br><br>Rethinking Workers' Consent for Digital OSH Devices in the EU: A Critical Analysis | **Chiara di Cicco**<br>University of Turin<br><br>Online behavioral advertising on social media: from personalization to manipulation? |
| Chair: **Lazar Radic**<br>IE University Law School | Chair: **Sergio Verdugo**<br>IE University Law School | Chair: **Bart Wauters**<br>IE University Law School | Chair: **Guadalupe Martínez**<br>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* | *Computational Law* | *Regulating Algorithmic Management* | *AI in the Courtrooms* |
|---|---|---|---|
| **Chris Sykes**<br>Manchester Law School, UK<br><br>Understanding and regulating AI in criminal practice: a UK perspective on the challenges in e-disclosure | **Salomé Lannier, Martina Siclari, Olivier Voordeckers, Sallam Abualhaija, Marcello Ceci & Nicolas Sannier**<br>University of Luxembourg<br><br>Explaining the law for software engineering | **Philippa Collins**<br>University of Bristol, UK<br><br>The Need for a New Generation of Rights at Work | **Anca Radu**<br>European University Institute, Italy, CEPEJ, Council of Europe, and CAIDP Europe<br><br>Best Practices in Promoting the Use of AI in the Field of Justice |
| **Francesca Palmiotto**<br>IE University Law School, Spain<br><br>Judicial Responses in Automated Decision-Making Litigation | **Yunping Liu**<br>University of Bologna, Italy<br><br>Reforming China's Legal Information System with Semantic Web Technology: Adopting the Akoma Ntoso Standard | **Christina Hiessl**<br>KU Leuven, Belgium<br><br>Case law on algorithmic management at the workplace: Cross-European comparative analysis and tentative conclusions | **María Lorena Flórez Rojas**<br>University of Groningen, the Netherlands<br><br>Algocracy in the Judiciary: Challenging Trust in the System |
| **Fabio Coppola**<br>University of Salerno, Italy<br><br>Risk-full but Useful: The New Challenge of Criminal Law in the Era of Generative AI Systems | **Federico Galli**<br>University of Bologna<br>**Galileo Sartor**<br>University of Swansea, UK<br><br>Computational Analysis of the EU Digital Legal Order: Definitional Mimeses | **Marta Otto**<br>University of Warsaw, Poland<br><br>Collaborative Governance – The Path Forward in the Era of Technological Management | **Kalliopi Terzidou**<br>University of Luxembourg<br><br>The use of (free access) LLMs by self-represented litigants in terms of access to justice |
| **Beatriz Goena Vives**<br>Universitat Pompeu Fabra, Spain<br><br>Artificial Intelligence and Criminal Justice Criteria | **Maria L Mena & Antonio Falcó**<br>UCH CEU, Spain<br><br>The Crossroads Between Law and Theoretical Computer Science: Addressing the Practical Challenges of the Legal Definition of AI in the EU | **Antonio Aloisi**<br>IE University Law School, Spain & NYU School of Law, USA<br><br>No law is an island. The AI Act in the context of workers' digital rights | **Irina Carnat**<br>Sant'Anna School of Advanced Studies, Italy<br><br>Addressing the Risks of Generative AI for the Judiciary: The Accountability Framework(s) under the EU AI Act |
| | | | **Juan David Gutiérrez**<br>Universidad de los Andes, Colombia<br><br>Critical Appraisal of the Use of Large Language Models for Judicial Decision-making |
| | | fully formed panel | fully formed panel |
| Chair: **Federica Coppola**<br>IE University Law School | Chair: **Konstantina Valogianni**<br>IE University Business School | Chair: **Sara Sanchez**<br>IE University Law School | Chair: **Juan David Gutiérrez**<br>Universidad de los Andes |

**20:30**
**Azotea del Círculo de Bellas Artes** (directions)

**Rooftop Aperitivo** 🍸

# Friday, September 27

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|---|---|---|---|
| **09:00 – 09:30**<br>IE Tower – **FLOOR 9** | | **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** |
| *Digital Democracy* | *Next Gen AI* | *Data transparency at work* | *DMA: the consumer's perspective* |
| **Damián Tuset Varela**<br>Ministry of Foreign Affairs, Spain<br><br>The Geopolitics of Artificial Intelligence | **Gal Forer**<br>UC Berkeley School of Law, USA<br><br>Generative AI Regulation in China and California | **Obele Akinniranye & Beatriz Sánchez-Girón Martínez**<br>Universidad Pontificia Comillas, Spain<br><br>Transparency at the workplace: A critical review of the intersection of the AI Act and Directive 2019/1152 | **Marco Scialdone**<br>Consumer Empowerment Project<br><br>Empowering Consumers: Key DMA Obligations Shaping Our Digital Future |
| **Alejandro Cortés-Arbeláez**<br>Universitat Pompeu Fabra, Spain<br><br>Integrating Digital Technologies into Deliberative Constitutionalism | **Roberta Montinaro**<br>University of Naples L'Orientale, Italy<br><br>Uses of Large Language Models in Law: the EU Law Perspective | **Carlotta Rigotti, Eduard Fosch-Villaronga & Tessa Verhoef**<br>Leiden University, the Netherlands<br><br>Exploring workers' voices and views on transparency of AI systems in the labor market | **Alba Ribera Martinez**<br>Universidad Villanueva and University Carlos III, Spain<br><br>The (Secret) Metrics of DMA Success |
| **Elisa Valletta**<br>Bocconi University, Italy<br><br>European Union and Democratic Digital Divide: the Governance of AI Risks in Electoral Systems | **Antonella Zarra**<br>Hamburg University, Germany & European Commission<br><br>Unboxing the black bot: assessing the efficacy of transparency obligations for GenAI | **Olgu Özdemir-Ertürk**<br>Antalya Bilim University, Turkey<br><br>From Data to Decision: Protecting Employees Against Unjust Inferences in the Era of AI | **Tasos Stampelos**<br>Mozilla<br><br>Changing default settings, the impact of choice screens and the need to respect users' choice |
| **Anna Wyszecka**<br>Kozminski University, Poland<br><br>Democratic AI systems - current law gives us such a guarantee? | **Antoni Lorente**<br>King's College London, UK<br><br>The Uneven Distribution of Risks and Opportunities: A Crack in the Framework | **Aida Abraha**<br>Osgoode Hall Law School, Canada<br><br>Regulating Algorithmic Harm in the Workplace: A Comparative Analysis of Developments in Canada, USA and EU | **Agustin Reyna**<br>BEUC<br><br>Enforcing the DMA from the consumer perspective: opportunities and challenges |
| | **Wayne Wei Wang**<br>University of Hong Kong & FGV Rio, Brazil<br><br>Defining AI Commons in Comparative Legislation: The Case of Open-Source Infrastructure | | |
| | | | fully formed panel |
| Chair: **Antonios Kouroutakis**<br>IE University Law School | Chair: **Rafael Ballester-Ripoll**<br>IE University School of Science & Technology | Chair: **Giulio Allevato**<br>IE University Law School | Chair: **Marco Scialdone**<br>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 | **Kostina Prifti** Erasmus School of Law, the Netherlands | **Rita de Sousa Costa** PLMJ Law Firm & University of Algarve, Portugal | **Marietjie Botes** University of KwaZulu Natal, South Africa | **Juan David Gutiérrez** Universidad de los Andes, Colombia |
| Beyond citizenship: virtual spaces of belonging and international law | | Soft law instruments under the GDPR and the quest for effective judicial protection in the age of digital reforms | Automated Decisions in Neuro Technologies: Implications and Liability Under the EU AI Liability Directive | Emerging Approaches of AI Regulation Across the World |
| **Teresa Catalano** University of Bari Aldo Moro, Italy | **Eduard Fosch Villaronga** Leiden University, the Netherlands | **Antonietta Opoku** University of Palermo, Italy | **Didem Polad** University of Helsinki, Finland | **Pablo Contreras** Universidad Central de Chile, Chile |
| Artificial intelligence and protection of human rights: benefits, prospects and risks for companies | | AI in the healthcare sector: improved work performance and protection of patients' personal data | AI Liability Directive: An effective and adequate remedy for harm caused by AI? | The myth of neuro-rights in Chile |
| **Ash Murphy** Manchester Metropolitan University, UK | **Xhulja Shahini** University of Duisburg-Essen, Germany | **Riccardo Vecellio Segate** University of Groningen, the Netherlands | **Roser Almenar** University of Valencia, Spain | **Maciej Hulicki** Cardinal Stefan Wyszynski University, Poland |
| International law and emerging technology: a regulatory framework to safeguard the environment and the humans that live in it | | 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 | Appraising the 'liability gap' in AI applications for space activities | 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 | **Kars Alfrink** Delft University, the Netherlands | **Esra Demir** Erasmus School of Law, the Netherlands | | **Ben Waber** MIT Media Lab and Humanyze, USA |
| The transformative power of top-down AI misuse: threats to individual freedom and risk of digital authoritarianism | | Co-realisation of Innovation and Protection in Data Governance: A Contribution to the Regulatory Governance Debate | | 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* | *Unveiling the Veil: a critical examination of algorithmic transparency* | *Ethical and Sustainable AI* | *Algorithmic (In)Justice* |
| **Francesca Mattassoglio** University of Milan Bicocca, Italy<br><br>The impact of AI categorisations and classifications on fundamental rights | **María Lorena Flórez Rojas** University of Groningen, the Netherlands<br><br>Assessing If Explainable AI Represents a Transparency Principle Shortcoming—Insights from Latin American AI Strategies | **Juan Felipe Castaño** Universidad Icesi, Colombia<br><br>The Age of AI and the Rise of Homo-data | **Giulia Barone** Insubria University, Italy<br><br>Judicial motivation: the key to pursue the goal of automation in criminal proceedings |
| **Elena di Carpegna Brivio** University of Milan Bicocca, Italy<br><br>The requirements of a new legal responsibility framework in AI-driven decision-making processes | **Cesar Renteria Marin** Centro de Investigación y Docencia Económicas (CIDE), Mexico<br><br>Transparency in Sourcing Algorithm Applications in Government | **Kostina Prifti** Erasmus University Rotterdam, the Netherlands<br><br>A value-sensitive, anthropo-eccentric assessment model for AI systems | **Filiberto E. Brozzetti** LUISS University, Italy<br><br>Dehumanizing Warfare: Ethical Implications of the Deployment of Lethal Autonomous Weapons |
| **Giovanni Facci** University of Bologna, Italy<br><br>The main legal issues regarding the application of AI systems in professional sports | **Beatriz Botero** Sciences Po, Paris<br><br>Are complex AI systems "observable" - and does it matter? Lessons from critical transparency studies and a way forward | **Tianjie Sun** Beijing Shiyi Times Technology<br><br>Algorithm Governance in Social Welfare: Balancing Efficiency and Ethics | **Md Raisul Islam Sourav** University of Galway, Ireland<br><br>Debunking the Myth of Modern Technology and Enhanced Access to Justice |
| **Matteo Ortino** University of Verona, Italy<br><br>Problems in the governance of an increasingly complex digital world | **Juan David Gutiérrez** Universidad de los Andes, Colombia<br>**Sarah M. Muñoz-Cadena** Policéntrico, Colombia<br><br>Algorithmic Transparency Instruments: A state-of-the-art-review | **Kleoniki Pouikli** Utrecht University, the Netherlands<br><br>AI Meets Environmental Law: Navigating Legal Opportunities and Challenges towards Sustainable AI | **Fabio Coppola** University of Salerno, Italy<br><br>Sentencing and Artificial Intelligence: How AI May Improve Consistency, Transparency and Proportionality at Sentencing |
| **Peter Petkoff** University of Oxford, UK<br><br>Ethical issues surrounding AI, rights and responsibilities – applying approaches to law and religion in AI | | **Beatrice Schütte** University of Lapland, Finland<br><br>Sustainability as a requirement in product safety and as a defectiveness criterion in product liability | |
| fully formed panel | fully formed panel | | |
| Chair: **Federico Ferretti** University of Bologna | Chair: **Juan David Gutiérrez** Universidad de los Andes | Chair: **François Delerue** IE University Law School | Chair: **Federica Coppola** IE University Law School |

| 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

Lawtomation

**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

**lawtomation.ie.edu**

**ie.edu/law-school**

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