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## EMILDAI Summer School

### Artificial Intelligence and Cybersecurity in Europe Sovereignty, Democracy and Rights

30 June - 4 July 2025



**#EMILDAIsummerschool2025**

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EMILDAI Summer School – León, 30th June - 4th July 2025

## **Artificial Intelligence and Cybersecurity in Europe Sovereignty, Democracy and Rights**

*Venue: Salón de Grados, Escuela de Ingenierías*

**Day 1 - Monday 30th June 2025**

**9.30**

**Registration and Welcome**

**10.00-12.00 Doctoral colloquium**

Chair: Adriana Suarez Corona, Universidad de León

Discussant: Edoardo Celeste, Dublin City University

1. *Addressing information asymmetry in compliance of environmental laws using AI technology*  
**Renée Knoop, Erasmus University Rotterdam**
2. *Critical Raw Materials for Digital Sovereignty: Anatomy of EU Strategic Partnerships*  
**Victor Henriquez Diaz, Dublin City University**
3. *Automated Tax Justice? The Impact of Big Data and AI on the Spanish Tax Agency*  
**Daniel Blanco, Universidad de León**

**12.00-12.30**

**Coffee Break**

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### 12.30-13.30 EMILDAI-UPEC Research Partnership

Chair: Tamara Alvarez Robles, Universidad de León

Discussant: Alberto Quintavalla, Erasmus University Rotterdam

*Assessing the DSA Transparency Database: A Case Study on TikTok Moderation  
During the 2024 Romanian Presidential Election*

**Mohsin Ahamed, Pedro Cavalcante, Philippine Ducros, Mustapha Jid, Victor Lopez  
Juarez, Rafiga Malikova, Bouthayna Mesraf, Luisa Perez, Maxime Zimmer,  
DCU-AU-UPEC**

**13.30-15.00**

**Lunch**

**15.00-16.45**

### Master Student Research Symposium (Part I)

Chair: Marina Morla, Universidad de León

Discussant: Noé Wagener, Université de Paris-Est Créteil

1. *Oversight as a False Friend: Constitutionalising Mass Surveillance through European Courts*

**Nauani Schades Benevides, DCU-ULE-UNIFI**

2. *Olympics of 2024: what impact on surveillance in Paris?*

**Gabriel Charmes, Université de Paris Est-Créteil**

3. *Trading Privacy for "Security": How Much is Too Much?*

**Renato Lopes, DCU-ULE-UNIFI**

4. *Personal vs State Security: To encrypt or to lay bare?*

**Gonzalo Loureiro Álvarez, Meem Arafat Manab, DCU-ULE-UNIFI**

**16.45-17.15**

**Coffee break**

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**17.15-18.45**

**Master Student Research Symposium (Part II)**

Chair: Pierre Valarcher, Université de Paris-Est Créteil

Discussant: Koen Swinnen, Erasmus University Rotterdam

5. *The EU's Influence on Digital Sovereignty in the Western Balkans: Compliance vs. Autonomy in Serbia, Montenegro, Bosnia, and Kosovo*  
**Pedro Antonio Vaquera Correa, DCU**
6. *Technodiversity: Rebalancing Material Extraction and Epistemic Sovereignty in Global Digital Governance*  
**Samuel Frank Martinou, Juan José Pacheco and Juan Fernando Castro Orozco, DCU**
7. *Finding the Balance: Navigating the EU's Complex Multi-layered Structure for Better Military AI Governance*  
**Oscar Josafat Leyva Ferzuli, DCU-ULE-UNIFI**

**18.45-20.00**

EMILDAI Student Feedback and Next Steps Session

(EMILDAI students and academics only)

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## Day 2 - Tuesday 1st July 2025

### 09.30-11.30

#### EMILDAI Programme Management Board

Venue: Sala de Juntas. Escuela de Ingenierías  
<https://dcu-ie.zoom.us/j/2124899842>  
(EMILDAI board only)

### 9.00-14.00

#### Visit of Castilla y Leon Supercomputing Centre (SCAYLE)

All students

### 12.00-13.30

#### EMILDAI External Advisory Board

<https://dcu-ie.zoom.us/j/2124899842>

### 13.30-15.30

Lunch (EMILDAI board only)

### 15.30-16.00

#### Institutional welcome

- Julio Abad, Vicerrector de Actividad Académica, Universidad de León
- Carlos Sierra, Director del Área de Estrategia Internacional
- Esther Seijas Villadangos, Tamara Alvarez Robles and Adriana Suarez Corona, EMILDAI coordinators at Universidad de León
- Edoardo Celeste, EMILDAI Programme Chair

### 16.00-17.30

#### Panel 1 – Sovereignty aspects

Chair: Tamara Alvarez Robles, Universidad de León

Discussant: Edoardo Celeste, Dublin City University

1. *Cybersecurity of critical infrastructures in the energy sector*  
**Thomas Le Goff, Telecom Paris**
2. *AI and Cybersecurity in Financial Supervision: Balancing risks and opportunities*  
**Stefano Cafiero, Dublin City University**
3. *Building European Union sovereignty over data: from GDPR to European Health Data Space regulation*  
**Ricard Martinez, Universitat de València**

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**17.30-18.00**

Coffee Break

**18.00-19.30**

**Panel 2 – Democratic aspects**

Chair: Marina Morla, Universidad de León

Discussant: Alberto Quintavalla, Erasmus University Rotterdam

1. *The Role of Innovative Procurement in the Development of Collaborative Cybersecurity*  
**Stefano Rossa, Università del Piemonte Orientale**
2. *Electoral cybersecurity from the perspective of the Venice Commission: a road map*  
**Tamara Álvarez Robles, Universidad de León**
3. *AI and democratic processes*  
**Rafael Rubio, Universidad Complutense de Madrid**

**20.00**

Reception

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## Day 3 - Wednesday 2nd July 2025

**9.30-11.00**

### Panel 3 – Rights

Chair: Koen Swinnen, Erasmus University Rotterdam

Discussant: Christina Koumpli, Avignon Université

1. *Cybersecurity Disclosure in Dutch Listed Company: Can NIS 2 Enhance the Protection of EU citizen rights?*

**Clara Boggini, Erasmus University Rotterdam**

2. *Balancing Cybersecurity and Human Rights in AI: Implementing a Risk Management Framework Across the Lifecycle*

**Nicola Palladino, Università di Salerno**

3. *Generative AI in Europe: A Double-Edged Sword for Human Rights, Intellectual Property, and Cybersecurity*

**Giulia Puleio, Università di Pisa**

**11.00-11.30**

Coffee Break

**11.30-13.00**

### Panel 4 – Technical aspects

Chair: Adriana Suárez Corona, Universidad de León

Discussant: Pierre Valarcher, Université Paris-Est Créteil

1. Usage of Artificial Intelligence techniques and models for the detection of malicious attacks on communication networks

**Martín Bayón, Universidad de León**

2. *Cybersecurity in Robotics*

**Claudia Álvarez Aparicio y Adrián Campazas Vega, Universidad de León**

3. *From the roadways to the forum: securing societies in the digital age*

**Juan Antonio Cordero Fuertes, École polytechnique de Paris**

**13.00-15.00**

Lunch

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## 15.00-16.30

### Master Student Research Symposium (Part III)

Chair: Edoardo Celeste, DCU

Discussant: Giulia Puleio, Università di Pisa

8. *Harmonizing AI Governance Frameworks: Analyzing Alignment and Divergence Between the EU AI Act, ISO/IEC 42001, and NIST AI RMF*

**Hichem Semmar, DCU-AU**

9. *AI Consciousness – I Think, Therefore I Am*

**Victor Lopez Juarez, DCU-AU**

10. *Encrypted Roads, Exposed Rights: Navigating Privacy and Cybersecurity in AI-Driven Mobility*

**Mustapha Jid, DCU-AU**

## 16.30-17.00

Coffee Break

## 17.00-18.30

### Master Student Research Symposium (Part IV)

Chair: Gael Depoorter, Avignon Université

Discussant: Christina Koumpli, Avignon Université

11. *Potential unintended consequences of market regulation in tech: fostering freedom of expression*

**Agneris Sampieri Ortega, DCU**

12. *Content Moderation in Web3 Social Media Platforms*

**Jorge de Alencar Palomares, DCU-ULE-UNIP**

13. *Explaining the black box*

**Sofía Díaz Gutiérrez, DCU-ULE-UNIP**

## 19.00-19.30

Student Prize Award Ceremony

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## Day 4 - Thursday 3rd July 2025

### 11.00-13.00

Visit to [INCIBE](#), Spanish National Cybersecurity Centre

### 13.00-15.00

Lunch

### 15.00-16.30

BIP student presentations (part I)

### 16.30-17.00

Coffee Break

### 17.00-18.30

BIP student presentations (part II)

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## Day 5 - Friday 4th July 2025

### 8.30-14.00

Visit to the ancient city of León, the cradle of Parliamentarism and San Isidoro

### 14.00-16.00

Farewell

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