



## LLM AI in Legal Practice and Its Regulation

2026/2027

### Module

AI and Liability

### Lecturers

Prof. Dr. Luís Greco, Berlin/Humboldt University  
Prof. Dr. Rui Soares Pereira, Lisbon (coordinator)  
Prof. Dr. Julian V. Roberts, Oxford  
Dr. Ann-Kristin Mayrhofer, Ludwig-Maximilians-Universität (LMU), Munich  
Daniela Rodrigues de Sousa, Lisbon

### Course description

Artificial intelligence systems increasingly challenge the traditional architecture of legal liability. Their capacity to operate with degrees of autonomy, opacity, adaptiveness and distributed human-machine decision-making raises difficult questions for criminal law, civil liability, product liability, risk regulation and evidentiary assessment.

The course will address two complementary dimensions of liability for artificial intelligence systems. The first part will examine criminal liability for AI-related harms, including agency, guilt, perpetration, objective imputation, negligence, omissions, intent, justification and sentencing. The second part will focus on civil and extra-contractual liability, including fault-based liability, product liability, risk liability, compensation funds, insurance mechanisms, regulatory governance and the European legislative framework on artificial intelligence and liability.

The civil liability part will adopt a case-based methodology, beginning with autonomous vehicle accidents and the many-hands problem, before analysing the interaction between the AI Act, the new Product Liability Directive and the withdrawn proposal for an AI Liability Directive. It will also consider civil liability for AI-generated illegal speech, including deepfakes, defamation, harmful advice and other forms of AI-generated content causing reputational, emotional, physical or economic harm.

The course will combine doctrinal analysis, comparative legal reasoning and discussion of current European regulatory developments. It is intended to provide students with the conceptual tools necessary to undertake advanced research on liability for artificial intelligence systems.

The course will comprise a total of 34 teaching hours, of which 24 will be lecture-based and 10 will consist of tutorials aimed at guiding students in their individual research work.

### Syllabus (the lecturers of each topic and the dates and times of the lectures are indicated between brackets)

#### **1st Week – Criminal Liability**

1. **AI, Agency and Guilt** (Luís Greco – Friday, 5 March 2027, 18:00-20:00).
2. **AI, Objective Imputation and Perpetration** (Luís Greco – Saturday, 6 March 2027, 9:30-11:15).
3. **AI, Negligence and Omissions** (Luís Greco – Saturday, 6 March 2027, 11:30-13:30).
4. **AI and Intent** (Luís Greco – Monday, 8 March 2027, 9:00-11:00).



5. **Justification Problems in AI-Related Criminal Liability** (Luís Greco – Tuesday, 9 March 2027, 9:00-11:00).
6. **Sentencing and AI** (Julian V. Roberts – Wednesday, 10 March 2027, 9:00-11:00).

### **2nd Week – Civil Liability**

7. **AI and Civil Liability: Methodological Foundations, Case-Based Analysis and the Many-Hands Problem** (Rui Soares Pereira – Friday, 12 March 2027, 18:00-20:00).
8. **Traditional and Emerging Models of Civil Liability for AI Systems: Fault, Product Liability, Risk Liability and Compensation Mechanisms** (Rui Soares Pereira – Saturday, 13 March 2027, 9:30-11:15).
9. **EU AI Liability Framework: AI Act, Product Liability Directive, AI Liability Directive Proposal and Future Regulatory Models** (Rui Soares Pereira – Saturday, 13 March 2027, 11:30-13:30).
10. **Civil Liability for AI-Generated Illegal Speech: Deepfakes, Defamation, Duties of Care and Product Liability** (Rui Soares Pereira – Monday, 15 March 2027, 9:00-11:00).
11. **Extra-Contractual Liability for AI Systems in Europe: A German Perspective** (Ann-Kristin Mayrhofer – Tuesday, 16 March 2027, 9:00-11:00).
12. **Liability for AI Systems under the New Product Liability Directive and De Lege Ferenda Models** (Ann-Kristin Mayrhofer – Wednesday, 17 March 2027, 9:00-11:00).

### **Tutorials**

13. **Tutorials** (Daniela Rodrigues de Sousa – Tuesday, 18 March 2027, 9:00-11:00).
14. **Tutorials** (Daniela Rodrigues de Sousa – Wednesday, 19 March 2027, 9:00-11:00).
15. **Tutorials** (Daniela Rodrigues de Sousa – Thursday, 30 March 2027, 9:00-12:00).
16. **Tutorials** (Daniela Rodrigues de Sousa – Friday, 31 March 2027, 9:00-12:00).