



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF LEGAL STUDIES
ALMA HUMAN AI – CIRSFID



HYPERMODELEX



AI4LEGS: AI FOR LEGISLATION

FIFTH EDITION

December 9th, 2025

14.00 – 18.00

*Sala Lauree, III floor, Complesso Aldo Moro
Via Giuseppe Verdi, 41, 10124 Torino*

The AI has been applied to several domains. Additionally, the Parliaments are now investigating and experimenting with AI in various directions, including guidelines to govern this powerful instrument legally and ethically. LLMs and Agentic AI highlight the challenges of delegation, autonomy, and human oversight. The AI ACT and the sandbox regulation provide some constraints and options.

This workshop would like to discuss these challenging questions with interdisciplinary instruments coming from philosophy of law, Constitutional law, legal informatics, including AI&Law, computational linguistics, computer science, HCI and Legal design. We also intend to provide an overview of the most advanced applications of AI in support of a better regulation and law-making system, aiming to find answers to these questions.

This initiative is supported by the ERC HyperModelEx, Monica Palmirani (Research Institute for Human-Centered Artificial Intelligence, ALMA-AI, University of Bologna).

PROGRAMME:

13.45-16.00 AI AND DELIBERATIVE ASSEMBLIES

Prof. Monica Palmirani University of Bologna

14.00-14.20 Giovanni Ciccone, Luciana Silo, Chamber of Deputies

14.20-14.40 Carlo Marchetti, Senate of Italy

14.40-15.00 Alessio Nardin, Davide Audrito, European Commission, DG B2

15.00-15.20 Fotis Ftsilis, Hellenic Parliament

15.20-15.40 Henrik Palmer Olsen, Københavns Universitet

15.40-16.00 Victor K. Cheruiyot, Web and Systems Developer, National Council for Law Reporting, Kenya Law (remotely)

16.00-16.30 Coffee Break

16.30-18.00 AI AND LEGISLATIVE KNOWLEDGE

PROF. Fotios Fitsilis, Professor of Artificial Intelligence and Parliamentary Governance at Universidad Austral in Buenos Aires

16.30-16.50 Filippo Galetti, Anna Bernasconi, Stefano Ceri, Francesco Invernici and Andrea Colombo, *The Swiss Federal Legislation as a Property Graph*, Politecnico di Milano

16.50-17.10 Ornella Vaccarelli, Emmanuel de Salis, Henrique Marques Reis, Eden Brenot, Jacqueline Kucera, Aphrodite Albanis, Isabelle Chappuis, Hatem Ghorbel and Jean Hennebert, *ParlementAire: An AI-Based Legal Information Retrieval in the Swiss Parliament*, iCoSys, HES-SO, Fribourg, Switzerland

16.50-17.10 Hudson De Martim, *Modeling the Diachronic Evolution of Legal Norms: An LRMoo-Based, Component-Level, Event-Centric Approach to Legal Knowledge Graphs*, Federal Senate of Brazil

17.10-17.30 Michele Corazza, Generoso Longo, *Deep dive Regulatory Reporting Requirements: Hybrid AI to Model Legal Drafting Templates*, University of Bologna

17.30-17.50 Meem Arafat Manab, Víctor Rodríguez Doncel and Elena Montiel-Ponsoda, *Free Flow of Data and the Geography of Policies: Detecting Data Localisation Restrictions with Forward-Compatible Ontologies*, Universidad Politécnica de Madrid

17.50-18.00 Chantal Bompreszi, Pier Francesco Bresciani, Integrated Observatory on AI and Deliberative Institutions, University of Bologna

18.00 Conclusions

PROPONENTS:

- Monica Palmirani, ALMA-AI, Department of Legal Studies, University of Bologna
- Víctor Rodríguez Doncel, Universidad Politécnica de Madrid
- Jaromir Savelka, Carnegie Mellon University

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WORKSHOP ORGANIZER TEAM

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