



FACULDADE DE DIREITO
Universidade de Lisboa

INTENSIVE POSTGRADUATE PROGRAM AI IN LEGAL PRACTICE AND ITS REGULATION

Curricular unit

AI for Judges and Arbitrators – Module C

Responsible Academic staff and respective workload in the curricular unit (enter full name)

Paulo Manuel Mello de Sousa Mendes, Célia Isabel Bule Ribeiro Marques dos Santos, António Joaquim da Costa Gomes, João António Filipe Ferreira (1st week)

Syllabus

AI applications:

- To expedite document review by using computer-assisted coding
- To support judges and arbitrators in performing legal research
- To ensure a better predictability of court decision
- To support registries' work and court administration
- To inform and advise citizens

Teaching methodologies (including evaluation)

By seminars and tutorials; evaluation by project/essay

Main Bibliography

DOCUMENTS

COUNCIL OF EUROPE

- European Ethical Charter on the use of AI in the judicial systems and their environment (Strasbourg, 3-4 December 2018) and its Four Appendices
- European Commission for the Efficiency of Justice (CEPEJ) – 2022-2025 Action plan: “Digitalisation for a better justice”
- European Commission for the Efficiency of Justice (CEPEJ) – Revised roadmap for ensuring an appropriate follow-up of the CEPEJ Ethical Charter on the use of Artificial Intelligence in judicial systems and their environment (Strasbourg, 8-9 December 2021)

EUROPEAN UNION

- 2021/0106(COD) Artificial Intelligence Act (New Proposal for an EU Regulation on Artificial Intelligence)
- European Parliament resolution of 6 October 2021 on artificial intelligence in criminal law and its use by the police and judicial authorities in criminal matters (2020/2016 (INI))

UNITED STATES OF AMERICA

- The National Artificial Intelligence Research And Development Strategic Plan (October 2016)

LITERATURE:

- M. LOPES ROCHA / R. SOARES PEREIRA (eds.), *Inteligência Artificial & Direito*, Coimbra: Almedina, 2020.
- P. DE SOUSA MENDES, “Representation of legal knowledge and expert systems in law”, in: Carlos Caleiro *et al.* (eds.), *Logic and Computation – Essays in Honour of Amílcar Sernadas*, London: College Publications, 2017, pp. 23-35.
- T. BENCH-CAPON, M. ARASZKIEWICZ, K. ASHLEY, K. ATKINSON, F. BEX, F. BORGES, D. BOURCIER, P. BOURGINE, J. CONRAD, E. FRANCESCONI, T. GORDON, G. GOVERNATORI, J. LEIDNER, D. LEWIS, R. LOUI, L. MCCARTY, H. PRAKKEN, F. SCHILDER, E. SCHWEIGHOFER, P. THOMPSON, A. TYRRELL, B. VERHEIJ, D. WALTON, AND A. WYNER, “History of AI and Law in 50 papers: 25 years of the international conference on AI and Law”, *Artificial Intelligence and Law*, 20 (2012): 215-319.