

LLM PROGRAMME

AI IN LEGAL PRACTICE AND ITS REGULATION

Curricular unit

AI for Judges and Arbitrators

Responsible Academic staff and respective workload in the curricular unit

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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.