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ПРАВНИ ФАКУЛТЕТ

FACULTY OF LAW



INTERNATIONAL SCIENTIFIC CONFERENCE
APPLICATION OF ARTIFICIAL INTELLIGENCE
IN LEGAL DISPUTE RESOLUTION:
COMPARATIVE LEGAL PERSPECTIVES

COLLECTION OF SUMMARIES

НАУЧНИ СКУП СА МЕЂУНАРОДНИМ УЧЕШЋЕМ
ПРИМЈЕНА ВЈЕШТАЧКЕ ИНТЕЛИГЕНЦИЈЕ
У РЈЕШАВАЊУ ПРАВНИХ СПОРОВА:
УПОРЕДНОПРАВНИ АСПЕКТИ

ЗБОРНИК САЖЕТАКА

NAUČNI SKUP SA MEĐUNARODNIM UČEŠĆEM
PRIMJENA VJEŠTAČKE INTELIGENCIJE
U RJEŠAVANJU PRAVNIH SPOROVA:
UPOREDNOPRAVNI ASPEKTI

ZBORNİK SAŽETAKA

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THE IMPACT OF ARTIFICIAL INTELLIGENCE ON THE LEGAL PROFESSION – CURRENT TRENDS AND PERSPECTIVES

The rapid development of artificial intelligence (AI) technologies has led to significant transformations across various sectors, including the legal profession. This research explores the integration of AI tools in legal practice, highlighting their role as support systems rather than replacements for human expertise. We identified a range of AI-powered tools currently utilized by lawyers, such as advanced legal research platforms, contract analysis systems, document automation tools, and predictive analytics used in litigation forecasting. These technologies have the potential to substantially reduce the time required for legal research, document review, and data analysis, thereby increasing productivity. While they offer substantial benefits, they also present challenges concerning reliability, ethical implications, accountability for errors, and the potential replacement of part of the support staff who previously worked on data collection from different sources. Given the rapid development of technology, it is necessary to adequately respond and regulate the use of AI in the legal profession, which is not the case in many countries at the moment. The research analyzes the current state of strategies, legislation governing AI use across different jurisdictions and identify regulatory gaps. It also reviews emerging guidelines developed by Bar associations to address these challenges. Finally, based on research results, regulatory approaches aimed at ensuring responsible integration of AI into legal practice are purposed. The research emphasizes that, despite the AI advancements, the human element remains essential.

Keywords: artificial intelligence, legal profession, legal regulations, AI-powered tools



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