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Altri autori (Persone)	MachadoJose NovaisPaulo CortezPaulo MoreiraPedro Miguel
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Nota di contenuto	AI and Creativity (AIC) -- MI-CCy Quantifier: A Framework for Quantifying Mixed-Initiative Co-Creativity in Human-AI Collaborations -- Automated Detection System for Portuguese Musical Instruments -- Leveraging LLMs for On-the-fly Instruction Guided Image Editing -- Distributing Creative Responsibility Between a Knowledge-Based Content Determiner and a Neural Text Realizer -- ScanType: Evolutionary Letter Finding -- Mixed-initiative Worldbuilding in Speculative Design Experimental Practices -- Expanding Design Horizons: Evolutionary Tool for Parametric Design Exploration with

Interactive and CLIP-Based Evaluation -- Evaluation of Lyrics Extraction from Folk Music Sheets Using Vision-Language Models (VLMs) -- Ambient Intelligence and Affective Environments (AmIA) -- Data-Driven Academic Performance Evaluation: A Smart Platform Approach -- Bridging Fashion and Technology: Synthetic Human Models for an Enhanced E-commerce Experience -- A Multi-Agent System Approach with Generative AI for Improved Elderly Daily Living -- Predictive Analytics in Education: A Comparative Analysis of Machine Learning Models for Predicting Student Performance -- Smart Cities as Affective Environments.-Artificial Intelligence and IoT in Agriculture (AIoTA) -- Pruning End-Effectors - State Of The Art Review -- An Apple Counting System Robust to Multiple Intermittent Occlusions.-Data-Driven Digital Twin Based Energy Flexibility Investigation for Commercial Greenhouse Production Process -- Towards a Conversational AI Chatbot to Assist Farmers in Disease Detection -- The Impact of the EU's AI Act and Data Act on Digital Farming Technologies -- Artificial Intelligence and Law (AIL) -- The Introduction of AI in Healthcare: a Multi-Layered Issue -- Segmentation Model for Judgments of the Portuguese Supreme Court of Justice -- Digital Justice in the EU: Integration of BPMN and AI into ODR Processes.-Transparency vs Explanation: Perspectives from Recent Legal Proceedings -- Detection of Potentially Non-compliant Clauses in Online ToS in Portuguese -- Towards Transparent AI: How AI Act Shape the Future -- Anthropocentric AI for EU Consumer Lending: 'Hacking' Opacity and Discrimination 'Sins' Powered by Creditworthiness Machines -- HIRS: A Hybrid Information Retrieval System for Legislative Documents -- Protection of Copyrights in the Era of Generative Artificial Intelligence -- Artificial Intelligence for Industry and Societies (AI4IS) -- Exploration of Computer Vision Systems in the Recognition of Characteristics in Parts in an Industrial Environment -- Approximate Nash Equilibrium Learning for n-Player Markov Games in Dynamic Pricing -- Data Mining Models to Predict Order with Delays: A Textile Case Study.-Comparing Aggregated and Separate Models for Crowd Density Forecasting -- Evaluation of Machine Learning Methods for Fire Risk Assessment from Satellite Imagery -- Geometrically-Informed Tool Recommendation in High-Speed Machining -- A Reinforcement Learning based Recommender System Framework for Web Apps: Radio and Game Aggregators Scenarios.

## Sommario/riassunto

The 3-volume set LNAI 14967, 14968, and 14969 constitutes the proceedings of the 23rd EPIA Conference on Artificial Intelligence, EPIA 2024, held in Viana do Castelo, Portugal, during September 3–6, 2024. The 94 full papers presented in these proceedings were carefully reviewed and selected from 187 submissions. The papers are organized in the following topical sections: Volume I: AI and Creativity (AIC); Ambient Intelligence and Affective Environments (AmIA); Artificial Intelligence and IoT in Agriculture (AIoTA); Artificial Intelligence and Law (AIL); and Artificial Intelligence for Industry and Societies (AI4IS). Volume II: Artificial Intelligence in Medicine (AIM); Artificial Intelligence in Power and Energy Systems (AIPES); Artificial Intelligence in Transportation Systems (AITS); Ethics and Responsibility in AI (ERAI); and General AI (GAI). Volume III: Generative AI – Foundations and Applications (GenAI); Intelligent Robotics (IROBOT); Knowledge Discovery and Business Intelligence (KDBI); Natural Language Processing, Text Mining and Applications (TeMA); and Data-Centric AI – Solutions and Emerging Technologies (DCenAI).