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| Collana | Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 14116 |
| Altri autori (Persone) | ValeZita CascalhoJose SilvaCatarina SebastiãoRaquel |
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| Soggetti | Artificial intelligence Application software Computer networks Natural language processing (Computer science) Artificial Intelligence Computer and Information Systems Applications Computer Communication Networks Natural Language Processing (NLP) |
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| Nota di contenuto | Artificial Intelligence, Generation and Creativity: Erato: Automatizing Poetry Evaluation -- A Path to Generative Artificial Selves -- Human + non-human creative identities. Symbiotic synthesis in industrial design creative processes -- AIGenC: AI Generalisation via Creativity -- Creativity, intentions, and self-narratives: Can AI really be creative? -- Evolving Urban Landscapes -- Emotion4MIDI: a Lyrics-based Emotion-Labeled Symbolic Music Dataset -- Artificial Intelligence and Law: On the Assessment of Deep Learning Models for Named Entity Recognition |

of Brazilian Legal Documents -- Anonymisation of Judicial Rulings for Legal Analytics Purposes: Ethics, Law, and Compliance -- LeSSE - A Semantic Search Engine applied to Portuguese Consumer Law -- Does ChatGPT Pass the Brazilian Bar Exam? -- A Semantic Search System for the Supremo Tribunal de Justiça -- The AI Act meets General Purpose AI: the good, the bad and the uncertain -- Artificial Intelligence in Power and Energy Systems: Rule-based system for intelligent energy management in buildings -- Production Scheduling for Total Energy Cost and Machine Longevity Optimization through a Genetic Algorithm -- A novel federated learning approach to enable distributed and collaborative genetic programming -- A Scoping Review of Energy Load Disaggregation -- Artificial Intelligence in Medicine: Deep learning survival model to predict atrial fibrillation from ECGs and EHR data -- Generalization Ability in Medical Image Analysis with Small-Scale Imbalanced Datasets: Insights from Neural Network Learning -- Multi-omics data integration and network inference for biomarker discovery in glioma -- Better Medical Efficiency by means of Hospital Bed Management Optimization – a Comparison of Artificial Intelligence Techniques -- AI-Based Medical Scribe to Support Clinical Consultations: A Proposed System Architecture -- Combining neighbor models to improve predictions for ATTRv -- Unravelling Heterogeneity: A Hybrid Machine Learning Approach to Predict Post-Discharge Complications in Cardiothoracic Surgery -- Leveraging TFR-BERT for ICD Diagnoses Ranking -- Artificial Intelligence and IoT in Agriculture: Evaluating the causal role of environmental data in shellfish biotoxin contamination on the Portuguese coast -- Sound-based Anomalies Detection in Agricultural Robotics Application -- Can the segmentation improve the grape varieties' identification through images acquired on-field? -- Enhancing Pest Detection Models through Improved Annotations -- Deep Learning-Based Tree Stem Segmentation for Robotic Eucalyptus Selective Thinning Operations -- Segmentation as a pre-processing for automatic grape moths detection -- Artificial Intelligence in Transportation Systems: Safety, Stability, and Efficiency of Taxi Rides -- Improving Address Matching using Siamese Transformer Networks -- An Ethical Perspective on Intelligent Transport Systems -- Using CDR Data to Understand Post-Pandemic Mobility Patterns -- Artificial Intelligence in Smart Computing: Using Artificial Intelligence for Trust Management Systems in Fog Computing: A Comprehensive Study -- Source-Code Generation using Deep Learning: A Survey -- An IoT-Based Framework for Sustainable Supply Chain Management System -- Artificial Intelligence for Industry and Societies: Tool Wear Monitoring Using Multi-Sensor Time Series and Machine Learning -- Digital Twins: Benefits, Applications and Development Process -- Using Deep Learning for Building Stock Classification in Seismic Risk Analysis -- Data Mining Models to predict parking lot availability -- Advancements in synthetic data extraction for industrial injection molding -- Vision Transformers applied to Indoor Room Classification.

Sommario/riassunto

The two-volume set LNAI 14115 and 14116 constitutes the refereed proceedings of the 22nd EPIA Conference on Progress in Artificial Intelligence, EPIA 2023, held in Faial Island, Azores, in September 2023. The 85 full papers presented in these proceedings were carefully reviewed and selected from 163 submissions. The papers have been organized in the following topical sections: ambient intelligence and affective environments; ethics and responsibility in artificial intelligence; general artificial intelligence; intelligent robotics; knowledge discovery and business intelligence; multi-agent Systems: theory and applications; natural language processing, text mining and

applications; planning, scheduling and decision-making in AI; social simulation and modelling; artificial intelligence, generation and creativity; artificial intelligence and law; artificial intelligence in power and energy systems; artificial intelligence in medicine; artificial intelligence and IoT in agriculture; artificial intelligence in transportation systems; artificial intelligence in smart computing; artificial intelligence for industry and societies.
