

1. Record Nr.	UNINA9910984695303321
Autore	Guarda Teresa
Titolo	Advanced Research in Technologies, Information, Innovation and Sustainability : ARTIIS 2024 International Workshops, Santiago de Chile, Chile, October 21–23, 2024, Revised Selected Papers, Part I // edited by Teresa Guarda, Filipe Portela, Maria Fernanda Augusto
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031834356
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (681 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2348
Altri autori (Persone)	PortelaFilipe AugustoMaria Fernanda
Disciplina	621.39 004.6
Soggetti	Computer engineering Computer networks Application software Image processing - Digital techniques Computer vision Software engineering Computer Engineering and Networks Computer and Information Systems Applications Computer Imaging, Vision, Pattern Recognition and Graphics Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Applications of Computational Mathematics to Simulation and Data Analysis (ACMaSDA 2024). -- Resonant Recognition Model as a Preprocessing Technique for RNA Classification. -- Computational Performance Analysis of PCA Enhanced AnEn Method. -- Depth Completion Enhancement with Morphological Filtering and a Variation of the Infinity Laplacian. -- Business, Technology and Digital Transformation (BTDT 2024). -- Blockchain Application in Smart Tourism. -- Fuzzy theory in Credit Scoring: A literature review. --

Mobile Application for Managing Service Payments in SMEs. -- Bibliometric Insights into AI and Emerging Technologies for Sustainability Accounting and Reporting. -- Urban Governance Models in Smart Cities: case of Quito-Ecuador. -- The Use of Artificial Intelligence in Governance: A Systematic Review. -- Smart Chatbot for the Optimization of the Use of Natural Resources in Agricultural Production. -- Emergent Technologies and Artificial Intelligence (ET-AI 2024). -- Optimizing Autonomous Vehicle Control through Deep Q-Learning: A Simulation Based Approach with CARLA. -- Analysis of the Correct Execution of Free Squats for Injury Prevention: A Genetic Algorithm Approach. -- Lane Direction by Implementing Random Sampling Algorithms. -- Intelligent Systems for Health and Medical Care (ISHMC 2024). -- A Model for Recognizing Mexican Sign Language Using Convolutional Neural Networks. -- AI-based Decision Support Systems to Improve Diagnostic Accuracy Via Medical Imaging. -- Predicting Employment Outcomes Based on Health Status and Socioeconomic Factors Using Neural Network Analysis. -- Explainability of Disease Classification from Medical Images using XGrad-Cam. -- MRI-Based Brain Tumor Classification: A Texture Analysis and Machine Learning Approach. -- Leveraging Neuromarketing and AI: Developing an Algorithm to Detect Consumer Joy through Brain Signals. -- Femoral Head Surface Segmentation Using Ultrasound Images as Input Source: A local phase and rigid filtering approach. -- Interpreting CNN for Brain Tumor Classification using XGrad-Cam. -- D.R.E.A.M App to Promote the Mental Health in Higher Education Students. -- Workshop on Gamification Application and Technologies (GAT 2024). -- FGPE - An Evolving Framework for Gamified Programming Learning. -- Enhancing Gamified LMS with the Integration of Games Experiences. -- Impact of Educational Video Games on the Development of Meaningful Learning in the Field of Mathematics. -- Smart Tourism and Information Systems (SMARTTIS 2024). -- Innovation in Tourism: The Role of Artificial Intelligence in Personalizing the Traveler Experience. -- Visitor Perspectives on Event Marketing's Role in Local Tourism. -- Smart Tourism Ecosystem: From connectivity to value co-creation. -- Service Quality in Porto's Hotels: A Comprehensive Analysis of Customer Reviews on TripAdvisor. -- Exploring Wearable Device Acceptance: An Empirical Study. -- Exploring the Synergy Between Traditional Markets and Tourism: an inferential analysis. -- Analysis of the Visitor Profile, Perspectives and Tourism Innovation: Case of Santa Elena, Ecuador. -- Analyzing Artificial Intelligence in the Tourism Sector: A Bibliometric Study from the Past Decade. -- From Likes to Comments: Tracking Interaction Trends on Social Networks to Promote Cultural Events.

---

### Sommario/riassunto

This two-volume set, CCIS 2348 and CCIS 2349, constitutes the revised selected papers from the International Conference on Advanced Research in Technologies, Information, Innovation and Sustainability 2024, ARTIIS 2024 Workshops, held in Santiago de Chile, Chile, in October 2024. The 55 full papers and 10 short papers presented in these two volumes were carefully reviewed and selected from 170 submissions. These proceedings include papers from the following workshops: Part I: Applications of Computational Mathematics to Simulation and Data Analysis (ACMaSDA 2024); Business, Technology and Digital Transformation (BTDT 2024); Intelligent Systems for Health and Medical Care (ISHMC 2024); Workshop on Gamification Application and Technologies (GAT 2024); Smart Tourism and Information Systems (SMARTTIS 2024). Part II: International Symposium on Technological Innovations for Industry and Society (ISTIIS 2024); International Workshop on Electronic and Telecommunications (IWET 2024); Boosting

Tourism using New Technologies (#RTNT2024); Cybersecurity in Information and Communication Technologies (CICT 2024); Bridging Knowledge in a Fragmented World (glossaLAB 2024); Workshop on IoT Networks and Wireless for sustainability (WINWIN-4S 2024); Innovation in Educational Technology (JIUTE 2024).

---